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Repeater Journal

The Official Voice of SERA, Inc.

May, June, July 1999 3.00

8 STATE REPEATER INDEX INSIDE

Also In This Issue!
Special! An Electronic Survey!
Help For the Newcomer to VHF/UHF
Updated 1999 Hamfest Calendar
Updated 8-State Repeater Index

Wind at 200 foot level brings tears to her eyes

Liz, KC4OCG Helps out on Tower Work With Her Father

New Director for KY
New Vice-Director Named For GA
New Assistants for SC and MS
See Details Beginning on Page 3

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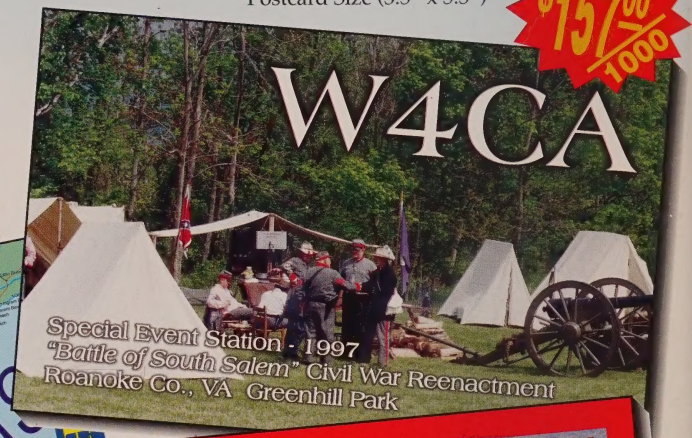

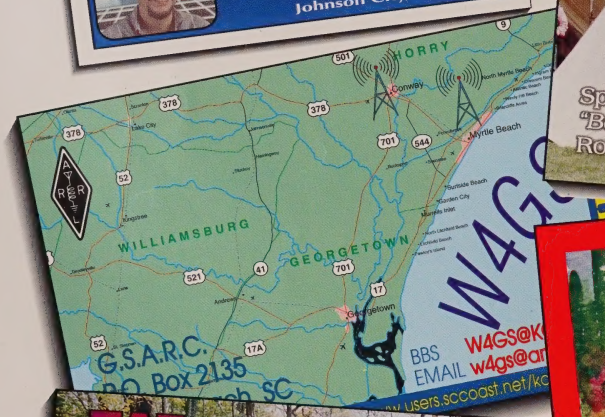

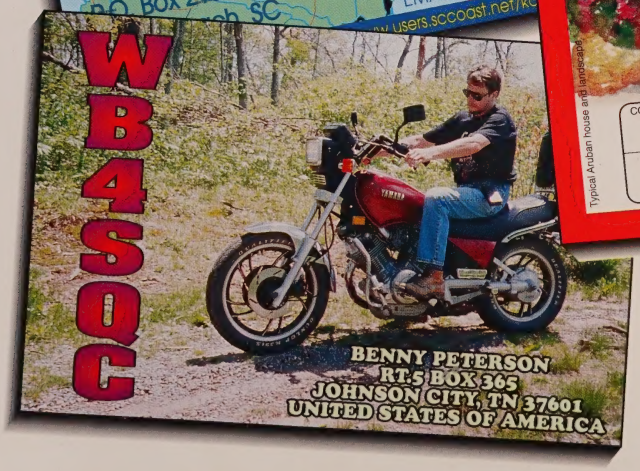

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IMPORTANT NOTE: If you want help, information or guidance as to the procedures of coordinating a repeater, re-coordination, or any other technical assistance - look up your local coordinator and contact him. He, on behalf of SERA will be glad to help. The service is FREE!

TO CONTACT A COORDINATOR VIA EMAIL: theircallsign@sera.org
TO ACCESS THE OFFICIAL SERA WEB SITE: www.sera.org

MAY, JUNE, JULY, 1999 - ISSUE 2

SERA Repeater Journal

The Most Recognized Regional Amateur Publication in the U.S.
Exclusively for Amateur Repeater owners and users In the SouthEast.

The Voice of the SouthEastern Repeater Assn., Inc.
Published 4 Times A Year in Feb., May, Aug., Nov.

Page 1 - Editorially Speaking . . !

Gads! I love this Job!!!

Everytime you feel like maybe things are getting a little too much - a series of events happen to make you very proud, and very happy at what you're doing. This is the case with me and "our" Repeater Journal. When I go to hamfests, I see people line up to join. I speak to clubs, I see the members grab the Journals, and then ask where's the application?

I guess each of us feed on the ego. Mine gets inflated so much, I'd probably do this book another 150 years if I lived that long. Maybe that's why I am enjoying what I'm doing so much lately.

* * * * *

We have had a big training program going on within the SERA Board. We had computerized the art of coordination some time ago. We recently added more software, and are finally getting all the data of repeaters in our database such that our coordination software can be utilized to the fullest extend in the Southeast. All the board members seem excited to learn and take on this new challenge. Gone are the days of the map, ruler and guessing distances for coordination. It's all done with computer software, coordinates, and contours. You just watch the screen and see what it tells you, after you add pertinent facts. Really a new art we are discovering. This process allows the coordinators more freedom with time, and most importantly, it tells if a "short-spaced" system will work. By that we mean, if the new system is slightly less than the 100 mile separation we used to require for co-channel coordination, will it work. Our software tells us whether it will or not.

We are now getting scientific answers, and not so much an "educated guess" on the part of the coordinator. If a coordinator tells you that a frequency is not coordinatable in a specific area, you can pretty well figure, he is right.

All this makes things so much better for our coordinators, and mainly much better for our Southeastern repeater owners. Our organization is very fortunate to have the support which enables us to fund the modern tools necessary in today crowded repeater bands for accurate coordination.

* * * * *

I'll bet if you have attended any hamfests this year, you have seen the big yellow SERA banner. It is amazing how the SERA Board has taken to the road and is voluntarily covering local and area hamfests, talking to the people, making themselves available, and soliciting membership. If my records are accurate, SERA Board members have covered 20 of the 28 shows which have been conducted this year January thru April. That's a pretty good average. The good thing, our coordinators

(Continued on Page 21)

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"Getting Started" - Gar earce, KN4AQ

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WEST VIRGINIA - Barbara Marsh, KB8GGG

STAFF CARTOONIST - Donald Phibbs, Jr. AD4QQ

CONTACTING SERA PERSONNEL

You are cordially invited to contact any SERA person listed on this page and all the repeater coordinating persons listed on Page 1. Please keep in mind, they are volunteers. Allow ample time for action on your request. Also please be considerate in timing of calls during the evening hours.

SERA EMAIL ADDRESSES
You may email any SERA person simply by:
theircallsign@sera.org

SERA Repeater Journal
The Most Recognized Regional Amateur Magazine in the U.S.
The Official Voice of SERA, Inc.

May, June, July, 1999
Volume 28, No. 2
Organized in 1971

"Providing 28 Years" Of Continuous Service To Amateur Radio

Presenting Page 2 . . . In This Issue . . .

Editorial Comment - (Gads! I love this Job!!!) 1
New Coordination Replacements Named 3
Conference on Emergency Managment Held at Charlotte. 9
Full Membership Rises. 12
Tree Kills Repeater systems on Carter's Mt. VA 14
West Virginia SAWS Report 21
SERA at the Hamfests (A photo report) 42
Parts of Tennessee Hit by January Tornadoes 45
Tips on Used AM Equipment for Six Meters 48
The Repeater Journal Electronic Hamfest Survey. 53

Featured in Every Issue!

Getting Started - Gary Pearce.....10
North Carolina News - Gene Fegely.....19
The Happy Hamette - Cindy Rogers.....20
Look At It This Way - Marvin Whatley.....41
Kentucky News - Fred Jones.....43
Tennessee News (West) - Bob Gault.....46
Nostalgic Wavelengths - David Bower.....47
"Get the Hammer - Randy Mckenzie.....51
South Carolina News - Ed Frank.....52
Virginia News (West) - Lyle Palmer.....54
Mississippi News - Mark Simmons.....56
Virginia News (East) - Mike Brigham.....58
Tennessee News (East) - Don Phibbs.....60

Where to Find it Quick!

Directors/Vice Directors/Assistants.....1
All About SERA - The Organization.....2
Officers, Committee, Staff.....2
SERA Financial Report.....56
SERA Repeater Index State/City..... 23-31
SERA Repeater Index by Freq..... 31-37
Full Membership Application.....37
Associate Membership Application.....43
Club, Repeater Spotlite Page.....54
Hamfest Advertising List..... 58
Updated 1999 Hamfest Calendar.....59
Journal Newsstand Dealer List.....59
Repeater Journal Advertisers Index.....60

Check out the Official SERA Web Site: www.sera.org

About the SERA Repeater Journal Magazine

The *Repeater Journal*, voice of SERA is published quarterly, the first Wednesday of the months of February, May, August and November of each year and mailed free to members of SouthEastern Repeater Association, Inc., an eight state repeater coordinating organization made up of repeater owners and users. Permission is granted for use of material other than repeater indexes contained in the *Repeater Journal* (See important note this page) provided proper credit is given. The *Repeater Journal* Editor will swap newsletters with other Repeater Organizations, News organizations and clubs upon written request. DEADLINES: Ad space reservations are the 20th of the month, and ad copy due the 1st of the next month, one month prior to publication. News deadlines are the first of the month prior to publication month. The *Repeater Journal* is mailed Bulk Rate at the Post Office in Greensboro, NC. The *Repeater Journal* newsstand cover price is $3.00 and is available from numerous retail Amateur Dealers in the southeast. All news and newsletter exchanges should be mailed to the Editor whose address is listed on this page.

About the SouthEastern Repeater Association, Inc.

SERA, SouthEastern Repeater Association, Inc. is the largest, most well known, non-profit Repeater Coordinating Organization in the United States. SERA territory covers over 2,170 repeaters available to over 93,439 Amateurs covering 329,000 square miles from the Southeastern member States of Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia. SERA celebrates its 28th year of service in 1999 with a continuing goal - to serve the repeater owners and users of the Southeast by providing a voice of communications, information and education with the publication of the *Repeater Journal*, and the guidance of our State (Director) Coordinators, officers and volunteers. Support, comments and recommendations are appreciated.

About SERA Associate Membership (Repeater Users)

Amateurs, especially repeater users, are invited to join SERA as Associate Members. Only $8.00 per year will enable Amateurs to support the organization and receive the Repeater Journal. Associate Membership deadlines are the 15th of the month preceding months of publications - (Jan. 15, April 15, July 15, and October 15). Persons joining or renewing their memberships must have their application into the Tobaccoville Post Office Box by those deadlines to receive the next upcoming Repeater Journal, publiished the first Friday of February, May, August and November. Memberships received after deadline will not receive next to-be-published Repeater Journal, but instead will receive the forthcoming issue the following quarter. HOT-P Associate Memberships (Repeater Journals mailed 1st Class rate) are limited to one year memberships at $14.25 per year. Regular membership Repeater Journals are mailed Bulk Mail. SERA does not issue receipts for Membership applications, nor are Repeater Journals forwarded to new addresses. If you move, we must be notified. Members should wait until next Repeater Journal comes out to report any problems. Write SERA Associate Membership, P.O. Box 215, Tobaccoville, NC, 27050-0215 for further information. Associate Members may hold appointive offices and positions within the SouthEastern Repeater Association, Inc.

About SERA Full Repeater Membership (Repeater Owners)

Officers and Directors are elected from Repeater representatives who are SERA Full Members. Any repeater owner or club may with a coordinated, operable, repeater, join SERA as a Full Member. Full Membership application, coordination information (if not on file) and $20.00 should be submitted for the annual Full Membership fee. Two Full Members, named and listed on the application by the owner, receive the Repeater Journal from each application. The Full Member repeater is also appropriately recognized as a SERA supporter in the repeater index with a "Smiley Face" (☺) code. All Full Memberships expire on December 31 of each year. Write SERA Membership, P.O. Box 215, Tobaccoville, NC 27050-0215 for further information.

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Coordinator Departures and Replacements

SERA Board Member News of Interest

Jerry Shouse N4EQT Re-Named KY Director

Jerry Shouse

"Surprise! I'm back" - the email message to the Journal Editor read, as Jerry Shouse indicated his willingness to return as Director for the SERA KY District.

In mid April, just as the Journal was due to go to the printer, Brennan Newsome, KJ4VF announced his resignation to SERA President Don Williams, W4VT. (See separate story item this series)

Shouse had held the KY Director (Coordinator) post for the past two years, and was relieved by Newsome in January. Shouse told the Journal he hoped the twice-in-a-quarter changeover would not inconvenience or confuse the repeater owners of Kentucky.

Shouse was instrumental in his two years at the helm of going through the entire Kentucky repeater index and clarifying, correcting, changing, re-coordinating and coordinating with Kentucky repeater owners so that the State repeater files could be as correct and updated as possible.

"I will continue this job, again," Shouse told the Journal. We'll be looking for some help in the form of Assistants and a Vice-Director. He said he hoped repeater owners who had problems, or questions or needed to talk to someone in SERA would contact him. The service is free. See Jerry's address on page 1 of this issue.

Richard Wright, W4LOC New GA Vice-Director

RICK WRIGHT

Richard (Rick) Wright, W4LOC was confirmed by the SERA Board as a Vice-Director of the SERA GA District in February. His appointment was submitted by Director, Jim Fonte, W4JMF. He will succeed the position held by Bert Coker, who resigned. (See separate item this series)

Shortly after his confirmation, Rick sent this note to the editor:

Hello to ALL Georgia repeater owners, trustees, & users! I am really excited becoming involved with the SERA! I have several ideas to offer the SERA Staff this year. Our Team effort to re-establish communications with ALL owners and trustees in the State is the most important. WHY? If we don't know who you are, you may not know who we are -- under those conditions, we can't serve your coordination needs!

Spread the word to your friends and other 'repeater people'... *"Excellence in Coordination Service is Back, and here to stay in Georgia!"*

We (Jim & Scott & I) will do all that we can to assist with any coordination issue that may arise in the Georgia District. We will be handling all coordination requests in the most timely manner possible...and we promise to answer to all e-mails, letters, and phone calls that we receive just as well!

We realize that we will not please everyone, but we will try to accommodate all requests that fall within the CP&G of the SERA. Our mission is to provide coordination services "by-the-book" -- FAIRLY and HONESTLY.

Again, feel free to contact Jim (W4JMF) or me (W4LOC) at any time.

Remember...we are here to serve you! (Our address info is on Page 1)

- 73! Richard (Rick) Wright, W4LOC

Rick Wright began as a Novice in 1990 and now holds the Extra Class License. He is past president of the Tri-Sates ARC of Ft. Oglethorpe, and trustee of the club repeater. He is also webmaster of the TSARC WebSite.

Rick also works with APRS, both fixed and mobile.

All Coordinators names and addresses are listed on Page 1

Ed Frank, KE2D Is New SC Assistant Director

Ed Frank

Last February, SC SERA Director Bill Jones, N4MNH, appointed Ed Frank, KE2D as his Assistant Director.

Ed will take on the new responsibilities, including that of frequency coordinating as well as continue writing a South Carolina column for the Journal.

Ed is retired from 20 years the U.S.A.F., and has owned and operated a Construction Co. for 25 Years in the Charleston, SC area.

"I am the Team Manager for the Charleston Area V.E. Team, and am very active in the local Community and in Amateur Radio", Ed Said.

"I have held an Extra Amateur license for 10 years and commercial licenses.

Ed proudly operates a School for Amateur Radio at his home "The KE2D Backyard School" to teach all Classes of Amateur Radio, Disaster Preparedness, & Weather Spotter training.

His Wife Sheila KT4YW, of 43 years and Ed enjoy Camping and Fishing with the family. They have 5 Sons and 4 Grandsons.

"I have been an engineer for the Charleston Amateur Radio Society for 7 years, and help maintain the club repeaters, Ed said.

He also has several Repeaters up and

(Continued on Page 7)

SALISBURY (NC) FIRECRACKER HAMFEST

July 3, 1999

8:00 AM 'til Auction begins at 12:00 Noon

Salisbury Civic Center

From I-85, W/E Innes St., turn left on S. Boundary - Fest on Left! Talk-in 146.52 simplex.

Pre-Regis $3.00 - at Door $4.00 (XYLs Free!)
SPECIAL: 2 Hot dogs Plus Drink $1.50

W4VEC (TEARC) Volunteer Exams at 10:00.

For Hamfest info, tickets, table information, exams - Contact:

Ralph Brown, WB4AQK - P.O. Box 593 Salisbury, NC 28145
Email: rbrown@salisbury.net

Winston-Salem CLASSIC

Acres of outside tailgating space!

Saturday - June 12, 1999

$5.00 Admission

$3.00 UNLIMITED Outside Tailgate Space

Covered Fleamarket Space Available*

Free Camping Friday Night

RV Hookups Available

In Tailgateing Area

For more information:

http://www.rbdc.com/~kq4lo/farc.htm

Or

Sanctioned Hamfest

Forsyth Amateur Radio Club, Inc.
PO Box 11361
Winston-Salem, 27116-1361
336-723-7388

Sanctioned Hamfest

And don't forget our Indoor-Outdoor FirstFest

January, 2000 Dixie Classic Fair Grounds

The first NC Hamfest of the next millennium!

Tailgating area available Friday after 2:PM. Enter through Gate 5 (same as our January indoor-outdoor FirstFest) and we will direct you from there. Lots of parking close to Hamfest. No food, drink, firearms or pornography for sale per local ordinance without prior arrangement. Free food giveaways are OK. Dealers call early due to limited covered space. *Limited availability - reserve early!

HAMFEST

An all-outdoor event in the June sunshine!

COVERED SPACE AVAILABLE*

PAVED TAILGATE AREA

TALK-IN: 146.64 (145.47 ALTERNATE)

http://www.rbdc.com/~kq4lo/farc.htm

Directions:

From Greensboro: I-40 to US-52, north on US 52 to Akron Dr., west on Akron to Reynolds Blvd., left on Reynolds Blvd, second left is Shorefair Dr., second right is Deacon Blvd, Hamfest entrance is through Gate 5 on left.

From Statesville or Yadkinville: I-40 E to Cherry St. North on Cherry St. approximately 5 miles to Deacon Blvd., right on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

From Mt. Airy: South on US-52 to University Parkway. Turn right on University Parkway. Follow University Parkway to Deacon Blvd. Left on Deacon Blvd. Hamfest entrance is through Gate 5 on right.

Accommodations:

The Holiday Inn North (910 723 2911) and the Courtyard by Marriott (910-727-1277) are both only 1/2 mile from the Hamfest. The fairgrounds have full RV hookups for only $15.00.

Name _____ Call _____

Street _____ Phone _____

City _____ State _____ Zip _____

_____ Pre-registration tickets @ $5.00 each $ _____

_____ Covered Outdoor Space @ $20.00 $ _____

_____ Outside Tailgating @ $3.00 per vehicle $ _____

_____ Friday Night Camping @ FREE! $ _____

_____ RV Hookup @ $15.00 per night $ _____

TOTAL ENCLOSED $ _____

Make checks payable to:

Forsyth Amateur Radio Club, Inc.

Mail along with SASE to:

Forsyth Amateur Radio Club, Inc.
PO Box 11361
Winston-Salem, NC 27116

Pre-registrations without SASE or received after May 28 will be held at the gate.

Covered outdoor spaces in the tailgating area are available (for a modest fee) on a first-come, first-served basis. Fairground regulations do not permit the sale of food or beverages by unapproved vendors. Full RV Hookups are available in the tailgating area this year for $15. Camping and self-contained RV's are welcome in the Tailgating camping area and restrooms will be available. Not responsible for accidents or theft.

For Dealer Information contact:
Tom Gallagher, N4IOZ
Hamfest Chairman
(336) 723 7388
n4ioz2@ibm.net

24th Annual Western Carolina Hamfest

An ARRL Sanctioned Event

Saturday
July 31, 1999
8-AM to 4-PM
Haywood County Fairgrounds

Talk-in: W4MOE
146.76 (Mt Pisgah) and/or 146.91 (Spivey Mtn - Asheville)

GRAND PRIZE: HF Transceiver
Second Prize: 2/440 Radio
Pre-Registration Prize: 2/440 Handheld
Dozens of hourly prizes

You do not have to be present to win the Main or Pre-Registration Prizes.

Pre-Registration drawing -10-AM on Saturday.

Main Prize drawing - 3-PM on Saturday

VE Exams will be conducted at Haywood Community College at 2-PM, July 31.
Bring your check for $ 6.45, payable to WCARS VEC.
Walk-in only. No pre-registration required. You must have the original **and** a photocopy of your license, any CSCE to be used for exam credit and a positive (photo) ID.
For further information, contact: Norman Harrill, N4NH
7 Skylyn Court, Asheville, NC 28806
Phone: 828-253-1192

PRE-REGISTRATION FORM

PLEASE SEND _____ Advance Tickets @ $4.00 Each ($5.00 at the Gate)
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SERA Board Member News

(Continues)

running in the Summerville, SC area.

Ed's hobbies: Photography, Fishing, Shooting, Camping, and Radio Communications.

Scott King, AB5MU Named MS Asst. Director

In early March, Steve Grantham, N5DWU, requested confirmation of Scott King, AB5MU from the SERA Board, after appointing him as a second Assistant Director for Mississippi.

Scott lives at Nettleton, Mississippi (in the Tupelo area). and was first licensed July of 1992. He holds an Amateur Extra class and is a member of the North Monroe County Amateur Repeater Club.

"Ham Radio is a big part of my life now. It helps me to pass the days. So you can see why I try to give back to the hobby as much as I can.

My main interest in Amateur Radio is weather spotting. I enjoy many of the different modes of operations, digital and CW being my favorites," Scott told the Journal.

He said he looks forward to working with all the other Coordinators in the Mississippi area.

Newsome Resigns As Director of Kentucky

B. Newsome

On April 15th, Don Williams, W4VT, SERA President received a letter of resignation from Brennan Newsome, KJ4VF. Brennan said that time involved in his present employment position, and demands of a new personal business venture made it impossible to carry out the job of Kentucky Director. His resignation was effective on April 8th. Newsome planned to transfer the paperwork of the Director's office to Williams sometimes the following week.

Williams announced that evening that Jerry Shouse, N4EQT, former KY Director had volunteered to come back to the Director's position.

Bert Coker Resigns As SERA GA Vice-Director

Bert Coker

It was mid February that President Don Williams announced the resignation of Bert Coker, N4BZJ from the post of Georgia Vice-Director. He was an Assistant Director from 1992 thru mid 1996, where he was elevated to Vice-Director. Bert said "Several individuals in the school system which I work are retiring from their Principalship."

"In the last 19 years that I have been in education my goal has been to be an Elementary School Principal, he continued, "In the last weeks it has come to my attention that this would come true in the near future."

With the increased responsibility that he would have as Principal and the extension of his contract of work from 10 months to 12 months, Bert said he felt it was time to step aside in his SERA responsibilities.

"Another goal has been to finish my doctoral degree in education. I lack 8 classes and the dissertation to finish, Bert said. (He said he had put this on hold with the birth of his 2 children Brittany and Adam)

"I have enjoyed my association with SERA over the years. I first joined SERA when it was the the CVRA. At that time Georgia was not a member. I asked many times of CVRA for Georgia to be included in the organization."

Vince Ott Leaves Post of SC Vice-Director

Vince Ott

Vince Ott resigned his post as SERA SC Vice-Director in January.

He told the Repeater Journal that he has to make some changes in his time and so forth. Here is his note:

"Much to my displea-

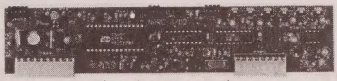
(Concludes on Page 60)

NHRC

REPEATER CONTROLLERS

NHRC-3/M2 Repeater Controller

An Integrated Repeater Controller for GE MASTR II Mobile Radios with Real Stored Speech



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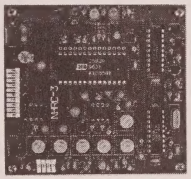
NHRC-3 Repeater Controller

Repeater Controller with Real Stored Speech



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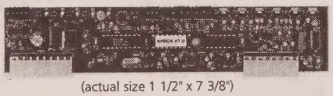
NHRC-4/M2 Repeater Controller

An Integrated Repeater Controller for GE MASTR II Mobile/Base Radios with Secondary Linking Port



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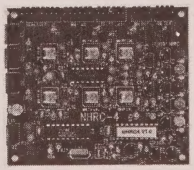
NHRC-4 Repeater Controller

Duplex Controller with Secondary Linking Port



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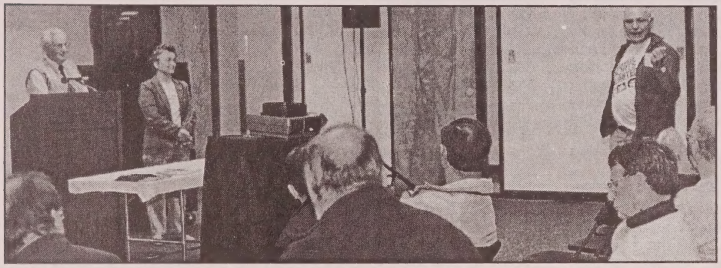
Requests received after June 6th will be held at the door.

Conference on Emergency Management Held at Charlotte Hamfest in March

-by Gary Pearce, KN4AQ

An impressive group of officials representing organizations involved in emergency preparedness and disaster recovery addressed an audience of Amateur Radio operators at the Charlotte hamfest in March. The officials came from North Carolina and Florida Emergency Management, the National Weather Service, and the American Red Cross. Amateurs present were mostly North Carolina ARES appointees, although the meeting was open to all and several "rank and file" hams attended as well.

Each of the officials made a short presentation about the communications needs of their organization and how hams fit in, and answered questions from the audience.



Audience participation was good at the Emergency Management Meeting at the Charlotte HF.

The meeting was organized by John Covington, W4CC, North Carolina Affiliated Club Coordinator, and chaired by John and Reed Whitten, AB4W, NC Section Manager.

Clay Benton, Communications Manager for the State EOC in Raleigh, outlined the organization of SERT, the State Emergency Response Team that is activated whenever a disaster or emergency threatens an area of the state.

He said that SERT is made up of leaders from several state agencies, and also representatives from many volunteer agencies, including Amateur Radio.

Tim Miller, Western Branch Manager for NCEM also addressed the hams and gave a detailed breakdown of the chain of command during a SERT activation. When asked about areas that need improvement, Tim said that sometimes there are just not enough hams to cover needed operation at County EOCs and some SERT posts.

John Fleming, WD4FFX, spoke next. John now works for emergency management for the state of Florida, but in the past he was both the Amateur Radio Emergency Coordinator and the County EC for Iredale County in North Carolina. John's first point was that the 25 or so hams in the room were not nearly enough to provide leadership for state emergency communications.

(As John was speaking, about 5000 other hams were combing the flea market and exhibit booths at the hamfest. NC ARES meetings usually have greater attendance, and there is an EC appointed in about 90 of the state's 100 counties, but his point was still valid. Nobody would expect all 5000 attendees at the hamfest to surge into the ARES meeting, but there should have been at least one or two hundred).

John said that we hams need to keep blowing our own horn about our abilities and accomplishments to state officials. No one else will do it, and our value will be missed unless we are there reminding them often.

Wayne Jones of the Greenville-Spartanburg National Weather Service office reviewed the operation of the weather service, a talk he's given to other communications professionals. Wayne began by noting that the mission of the NWS has changed. Several "private sector" enterprises now provide the public with most of the routine forecast information used by the media.

While the NWS still issues daily forecasts, its primary mission is now focused on warning about dangerous weather. He used a familiar phrase, "the protection of life and property."

Wayne noted that the NOAA weather transmitters remain the fastest source of information for the public and most Amateurs. Warnings are already being broadcast on the NOAA transmitters as they are being prepared for transmission on weather wires going to public-safety agencies and the media. If there is a ham on duty at the NWS office, the warning might hit the Amateur Radio airwaves before any other broadcast. But it can take up to 10 minutes to get a warning relayed to the public on broadcast radio and TV if news and weather departments are not on duty.

Gunther Schwarz and Joyce Blackmon represented the Carolinas Chapter of the American Red Cross to the hams, and they described extensive use of Amateur Radio communications. Joyce said that the Red Cross would like to see more hams take some of the basic, introductory classes on Red Cross services - Disaster Relief, Mass Care and Damage Assessment are some of them. With that knowledge, hams will be better able to assist with Red Cross communications. The classes are free, and most last less than four hours.

The conference was successful despite the low turnout of hams. Those who did attend got a rare briefing from the leaders at the agencies we serve, and will be able to pass what they learned on to their home clubs and ARES groups.

Main participants in the Emergency Management meeting included: John Covington, W4CC, ARRL NC Affiliated Club Coordinator, Gunther Schwarz and Joyce Blackmon, American Red Cross; Clay Benton, NC Emerg. Management,; Wayne Jones, Natinal Weather Service; Tim Miller, NC Emerg. Management; Reed Whitten, AB4W, ARRL NC Section Manager. Not pictures was John Fleming, WD4FFX, Florida Emerg. Management. *- Photo supplied by John Covington*

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A New Ham's Quandry:

Two-Meters or Dual Bander

One of the most frequent questions I hear from new hams contemplating that first equipment purchase is "Should I get a two-meter radio, or a dual-bander." It almost goes without saying that, either way, they are considering a handheld. Everyone wants a single "do-all" rig as their first piece of equipment, and a handheld seems to fill the bill, useful at home, in the car and wherever. I've got some tips on configuring that first HT, but first let's address the dual-band issue.

And I'm not going to make you wade through the whole article for my answer. If you've got the money, get a dual-band radio. If the rent and car payment are covered for the month, and maybe the kid's tuition payment, and you've got more than the bare minimum to buy the cheapest used radio you can scrounge, then there are some really good reasons to get the fancier radio. But first, I want to examine the mystery band, 440 MHz (a.k.a. 70 cm. or UHF).

There are some big differences between two-meters and 70 cm, but most of them are "social" rather than technical. Some of the eggheads in SERA can spin technical details on UHF vs. VHF that would make your (and my) head split. My more humble experience is that, from the speaker, VHF and UHF FM are nearly identical. Blank out the radio's display and most hams wouldn't be able to tell you which band they are on. Repeater functions and features on UHF are no different than those on VHF.

One technical difference I have found is that on simplex, between mobiles or home stations with antennas not that far off the ground, UHF range is dramatically shorter than VHF. At my house, I have a 17-foot tall Diamond dual-band antenna, fed by about 50 feet of "Flexy 4" coax. The base of the antenna is about 35 feet above the ground, and I'm on the side of a small hill in a Raleigh suburb. I have several similar rigs - an Icom 2400, a Kenwood 733 and an Alinco DR-590. And I've had lots of conversations with hams who have dual-band mobiles. We'll frequently switch back and forth, and the results are always the same. Stations that are S-9, loud and strong on VHF will be much weaker on UHF. Stations that are weak on VHF will be unreadable on UHF.

But when the range comparison is between mobiles and repeaters that are at least a few hundred feet off the ground, there is less difference. Within their local coverage area, UHF repeaters often outperform co-located VHF cousins, especially for handheld radios operated in vehicles or buildings.

Out in the fringe, though, the VHF machines go a bit farther over the horizon, and fill in the shadows behind hills and ridges better than the UHF machines.

Why? To tell you the truth, I'm not equipped to answer that question. Maybe I can impose on the SERA technical experts to fill that in for a future "Getting Started" column. I can say the "path loss" for UHF is higher than VHF, and trees and foliage absorb the signal more, especially in the summer. On the other hand, the UHF signal can bounce around and get through small openings in buildings and vehicles better than VHF, because the wavelength is lots shorter.

Another noticeable characteristic is the difference in the flutter or "picket-fencing" rate you'll hear on a mobile signal. It's a lot faster on UHF than on VHF. Exactly why that is might be included in that other column. Right now I'll just say it's a result of receiving a signal directly from the repeater, and also getting some of that same signal as it's bounced off nearby objects. These signals can add together, or they can partially cancel each other, depending on their "phase." And the phase is related to the wavelength of the signal. The UHF wavelength is about 24 inches, while the VHF wavelength is more than six feet. So the phase can change a lot faster on UHF than on VHF.

OK, so there are some minor technical differences. But what's this about "social" differences?

Here's how I explain it. Two-meters is Downtown. It's the fast lane. It's where the action is. In most areas of the country, two-meters is much busier than any other VHF or UHF ham band. Now it does seem odd that in some of the larger metro, where there are a dozen or more two-meter repeaters, only two or three of them seem to get a lot of use. Others can be quiet for hours, maybe days. But there will always be a few two-meter machines that are busy most any time of day. It's also the place you're most likely to strike up a random contact with some-

(Continued on Page 11)

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GOOD FOR THE NEW HAM Getting Started

one you haven't talked to before.

UHF repeaters in the same area will usually be much quieter. There may be almost as many UHF machines on the air, but likely none of them will carry all-day activity. And most of the time, the activity they do carry will be between a small group of hams who know each other already and talk on that repeater a little bit every day. Sure, there are some exceptions in a few towns, and a little local research should tell you if you're in one of those unusual cities.

Well, all that seems to argue against buying a dual-bander, but I recommended getting one anyway. Why?

First, although the UHF repeaters are quieter, sooner or later you'll discover that can be a good thing. You will develop friendships, people you talk to every day, and the busy two-meter machines might not have room for you. UHF will be sitting there, waiting. Want to make an autopatch call? Don't break in on that VHF rag-chew - make it on UHF.

When I recommend this, I'm talking mostly about club repeaters where your activity will be welcome. UHF has more individually owned, more or less private or outright closed repeaters than VHF does, mostly because there's more room for them on UHF. And there are some hams who operate exclusively on UHF, looking down their noses at the "rabble" on two-meters. If someone gives you a hard time, just shrug it off. If it's an open repeater, you have a right to be there as long as you don't monopolize the machine. The other guys like the peace and quiet, too. See if a repeater's "character" is up for your hour-long ragchews.

But even if you don't use UHF much, there are some good reasons to buy a dual-band radio. Most of them receive two signals at once, one VHF and one UHF. And the more recent models of those can also be configured to receive two signals in the SAME band at once. That's two VHF or two UHF signals.

It's pretty confusing to hear two voices come out of a little HT speaker at the same time, so the real value here is being able to monitor one busy channel and one quiet channel, waiting for activity. The ability to monitor two VHF frequencies at once is a big bonus.

Another reason is that most of these radios receive the public-service and business channels adjacent to the ham bands. While hams may not favor UHF, the police departments and businesses in all but the most rural areas favor UHF, and there's much more activity in the 450 to 470 MHz band than the 150-170 MHz band. With a dual-bander, you'll hear it all, and often more - most dual-banders throw in 800 and 900 MHz coverage to boot (with the cellular channels blocked these days). That's another great bonus.

Here's a neat trick. Next time there's a power failure in your area, tune in the power company channels somewhere between 451 and 454 MHz and listen to them discuss repairs. Using a cue from the conversations you can monitor, you'll be able to walk into a room and announce to everyone that the lights will come back on in just a few seconds, and most of the time you'll be right.

Today, dual-band handheld prices are starting just below $300, and topping out below $500 (though adding a few accessories you'll want, like a spare battery, a rapid charger, and a speaker-mic will boost that price quickly).

Two-meter-only HT's of similar quality start near $200, so the dual-band premium is about 50%, and you're getting a lot for the extra money.

Repeater Journal Editor (and former radio dealer) Wayne Williams, K4MOB, says dual-banders have been outselling mono-banders through most of the mid and late 90's.

Note that I'm not talking about the micro-talkies and credit-card size rigs - they're fun, but I don't recommend them as a first radio because of their low transmit power. And keep an eye on features, because there are several radios on the market that only receive one band at a time, even though they are dual or even tri-band radios. And some dual-banders that will do simultaneous VHF/UHF won't do the VHF/VHF trick.

While I'm at it, what about six-meter radios, and 222 MHz radios? What's up with those bands? I personally love both bands, and I encourage you to get on either or both sooner or later (probably six-meters first because of the possibility of band opening DX coming in the next few years). But don't start there. In most areas, there's not enough activity to sustain your new ham interest. Get your feet wet on two-meters for a while first.

Then learn about local activity and try these more esoteric bands.

Finally, I promised some hints on using that first HT. First, don't try to use the "rubber duck" antenna for all your communications. You will do much, much better with an external antenna, both on the car and at home.

Dual-banding complicates your antenna choices a little, but there are many good brands and models to choose from (and a few clunkers). Ask for some local help. You'll probably start with a "magnet-mount" antenna - that's just an ordinary antenna mounted on a base with a strong magnet that will hold it on your roof or trunk deck. Keep both the car and magnetic base clean so you don't scratch the paint. Sooner or later you'll want one of the more permanent solutions. Me? I drill a hole or three.

You'll also want external power, or you'll end up with a lot of conversations being terminated by a dead battery. HT batteries may give you hours of listening, but only minutes of blabbin.. er, transmitting. I recommend getting the power cord that includes a filter. It will plug into the cigarette lighter (oops, you'll have to unplug the cell phone, radar detector, microwave oven....). The filter will keep you from transmitting noise created by your car's alternator. Many HT's seem to have that problem unless you use the filter.

An HT with an external antenna, external power, and maybe an external speaker-mic looks like it's on "life-support" in the intensive care ward at the hospital. But it works a lot better when you're in the car. Sooner or later, though, you'll get tired of all the plugging and unplugging and buy a mobile rig for the car. Happy Hamming!

-Til next time - Gary

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Allen 99

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Repeater Full Membership Rises

-by Wayne C. Williams, Editor

The results of the 2nd Quarter count of SERA Full Membership looks very encouraging. We are not prepared to say a new record of membership will be set for 1999, but it is within reach.

As of the period close, a total of 1,250 repeaters in SERA territory had voluntarily joined as Full Members. This is a very impressive 58.7% of all the known repeaters which total around 2,130.

In numbers of full members, North Carolina leads the way with 267, followed by Georgia with 225, Tennessee with 199 and Virginia 173. Virginia leads in membership percentage (members vs repeaters) with 64.5% (This does not include over 100 T-MARC territory repeaters in Virginia. Second in percentage was Kentucky with 63.5% and North Carolina with 63.3%.

The adjusted number of known repeaters in the states show quite a change in three. North Carolina leads the way with 422 machines, followed by Tennessee with 403 and Georgia with 358. (Check the chart below for details of membership and repeaters by state)

It should be noted that Coordinators have been making a major effort to survey all the repeaters in their states - re-coordinating those that can be, removing unknowns from the list, purging "paper" repeaters which never got on the air. All this is to make the SERA repeater index the most accurate we can possible make for our readers and supporters.

Getting unknowns purged or placed back into the index was one major job the coordinators have been working on this past quarter. The unknown list now numbers under 200, after being almost 300 at the beginning of the year.

An unknown listing is one in which SERA does not know details of that listing. It is one that attempts at getting information from the owner or sponsor has been unsuccessful as of this date. Some of the people respond when we contact them. Some work with us, others prefer to be left alone, and do not really care what we do with their listing.

Many of the unknown listings which we have listed behind our regular index is in process of being worked on by Directors. They will continue purging, de-coordinating, or removing as necessary until proper information is known about all repeaters operating in our territory. All a repeater owner has to do to get his listing removed from the unknowns is to fill out properly and sign and return a repeater datasheet.

He only has to contact his state coordinator for assistance. There is no fee involved and is a service of SERA.

Uncoordinated repeater owners should contact their state coordinator and see if their system can be coordinated. There is no fee for this service.

Repeater owners wishing to voluntarily support SERA through Full Membership, will find an application on page 37 of this issue.

Lets change that Kilo to Kibi and Mega to Mebi

-Tnx W5YI Report

Since the day you played with your first computer, you began hearing distinctive words to describe data values in your computer operation. These metric prefixes, kilo, mega, giga and etc. will soon be leaving us.

The Geneva-based International Electrotechnical Commission, the organization which prepares and publishes international standards for all electrical, electronic and related technologies is adopting new prefixes to more accurately describe computer data values.

Look soon for new binary prefixes like: kibi, mebi, gibi, tebi, pebi and exbi to express exponentially increasing binary multiples. For more info, check:
http://www.lec.ch/tclet6.pdf

SERA Full Membership Report

Full Membership - By State - By Year - From 1991 - 1999 | *2nd QUARTER '99 REPORT*

SERA STATE	TTL '91	TTL '92	TTL '93	TTL '94	TTL '95	TTL '96	TTL '97	TTL '98	TTL 1999	TTL Mbr. %	TOTAL RPTRS	SERA STATE
GA	142	173	195	208	236	217	260	232	225	62.9%	358	GA
KY	66	70	80	86	122	129	140	154	158	63.5%	249	KY
MS	38	36	50	60	75	73	60	59	64	41.3%	155	MS
NC	189	220	243	265	274	295	283	288	267	63.3%	422	NC
SC	53	60	68	68	83	81	84	79	85	62.0%	137	SC
TN	155	179	188	182	202	193	227	221	199	49.4%	403	TN
VA(1)	127	136	157	173	178	162	181	189	173	64.5%	268	VA
WV(2)	67	70	62	70	82	84	90	95	79	57.2%	138	WV
TTLS	837	944	1043	1112	1252	1241	1325	1317	1250	58.7%	2130	ALL

OUT OF SERA TERRITORY REPEATERS JOINING AS FULL MEMBERS - FOR 1999 --- 20

(1) Total Virginia list does not include 104 or more listings in T-MARC Territory, (North of Highway 33 and Latitude 38-degrees North), and
(2) 10 or more listings in the West Virginia Panhandle area in T-MARC Territory.
"Unknown" repeater listings are not counted in State repeater totals.

Updated 4-15-99

VIRGINIA BEACH HAMFEST

Sept 18 & 19, 1999

Virginia Beach Pavilion, Virginia Beach, Va.

ARRL VIRGINIA STATE CONVENTION

MAJOR HAM RADIO DEALERS & MANUFACTURERS

AMATEUR RADIO EXAMINATIONS , On Saturday night 3:00 PM To 5:00 PM
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FIELD CHECKING FOR ARRL & CQ DX AWARDS
BANQUET ON SATURDAY NIGHT SEPT 18,1999
AMATEUR RADIO FORUMS
FREE PARKING TALK - IN ON 146.970 REPEATER

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Children under 12 free TICKETS WILL BE $6.00 AT THE DOOR.
_____ Commercial 10' x 10' Booth Good for both days ----$150.00 per booth ..... _____
_____ Commercial 8' Tables for both day's ----- $30.00 ..... _____
_____ Electrical Outlet for both day's ---- $25.00 ..... _____
_____ Outdoor Tailgate - ADVANCE REGISTRATION..... $15.00 ..... _____
_____ Banquet Tickets per person Saturday night .....$22.00 ..... _____
TOTAL _____

OUTDOOR TAILGATE - ADVANCE REGISTRATION

Tickets ARE REQUIRED when Renting Commercial Tables and Tailgate Spaces

Local ordinances and Hamfest policy do not permit firearms or pornographic material to be displayed or sold at the show. " TIDEWATER RADIO CONVENTION'S INC. "

Fallen Tree Crushes Shack housing several Systems

Tree Kills Repeater Systems on Carter's Mt. VA

-by Ron Richey, K4RKA

It is with much regret that I report that wind, ice, and a large tree has ended, for the time being, the existence of WA4TFZ/R on Carter's mountain overlooking Charlottesville, Va. For the past 30 years, Charlottesville and Albemarle County hams have enjoyed an excellent repeater site at the Virginia State Forest Service lookout tower on Carter's mountain. With the support of the Charlottesville Civil Defense Co-ordinator and the co-operation of the Virginia Division of Forestry, our repeater became the first amateur repeater to be allowed at a Virginia State Forest Service lookout tower site. As a result of our successful venture, other amateur groups have been allowed access to these strategic locations.

The forerunner of the WA4TFZ system was first licensed as WB4KNX/R in the spring of 1969 operating on 146.28/146.94 after a short period on 146.34/146.94 under the call of K4RKA. The formation of the Charlottesville Emergency Amateur Repeater System and the close association with the Charlottesville Civil Defense Organization allowed us to gain access to the 1500 foot mountain top. Over the years the call sign changed to WR4ADV, WR4ATL, and after merger with the Albemarle Amateur Radio Club, to WA4TFZ/R. The frequency changed to 146.28/.88 and then to 146.16/.76 as circumstances dictated. The repeater evolved from tube type equipment and mechanical timers to a modern solid state unit with emergency autopatch, net mode operation, and a full 450 MHz repeater which also served as a control link backing up the telephone control. In addition the site supported a 220 MHz repeater, packet node, and APRS transceiver.

All this equipment was located in a circa 1920's Ranger's cabin which we maintained as part of our agreement for permission to use the site. At various times we shared the building with an educational TV translator, the local Water and Sewer Authority repeater, and an ATF repeater. Then came the ice storm of March 14, 1999. A large tree which has been overlooking our building succumbed to the ice, snow and wind and came crashing down on our weather beaten little building, landing dead center on the digital equipment and reducing the building to two walls and a pile of scrap wood and tin. Early visits to the site found the 2 meter and 450 repeaters apparently undamaged but completely exposed to the weather. The 220 MHz repeater suffered some damage and the digital equipment was driven so far into the ground that it could not be seen.

Current circumstances at the site prevent our immediate return, even when the equipment is repaired. However, following negotiations between other parties involved, we may be permitted to return to the Carter's Mountain location in the near future. In the meantime, we are attempting to find another location or locations for the repeaters and digital equipment. Word of our loss spread rapidly and we were impressed with the offers of support from other repeater groups for equipment or use of their repeater in order that our ARES net can continue to operate. We very much appreciate the concern of these people and groups.

Some excellent before and after pictures may be found at:

http://aresva.org/news/d03rptr.html

Re-coordination efforts will be made as new sites are found. Hopefully these systems will not be off the air for too long. In fact, after a work party at the site on March 20, the 450 repeater is already back on the air at a temporary site and most of the other equipment except for the batteries and the 220 duplexer apparently suffered only easily repairable damage. In the meantime, our other 2 meter repeater on 146.325/146.925 will continue to serve the Charlottesville area from the top of a local hospital. Anyone visiting the area is invited to use that frequency. We have suffered a severe loss but 2 meter activity is still alive and well in Charlottesville and we have hopes for a bright and productive future.

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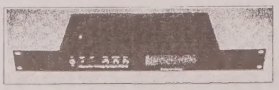

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Gaithersburg No Longer In FAR Hamfest List

If you've been traveling the hamfest circuit for many years, you know about Gaithersburg, Maryland. This show was rated one of the "must attend" shows of the upper part of the Southeast.

In 1999, the name no longer will be associated with hams and hamfests. The sponsoring club has decided to move the show, which for more than 40 years, was called Gaithersburg. The show chairman, Al Brown, KZ3AB sent the following explanation to the Repeater Journal:

The executive board of the Foundation for Amateur Radio (FAR) has decided to move their annual hamfest (FARFest), known as the Gaithersburg (MD) hamfest to Bowie, Maryland.

The owners of the Montgomery County Agricultural Center (Gaithersburg Fairgrounds) increased FAR's cost to rent the area, over the past five years, to the point where the proceeds are marginal. Therefore, we were forced to find a new venue.

Please keep in mind that all proceeds from FARFest go toward supporting more than 65 educational scolarships that FAR awards every year as well as financial support to worthy activities which benefit amateur radio as a whole such as SKYWARN, ARES seminars, school amateur radio stations, etc.

The move of FARFest from Gaithersburg to Bowie sadly ends a hamfest tradition of more than 40 years. Both the Montgomery County Agricultural Center (Gaithersburg Fairgrounds) and the Foundation for Amateur Radio (FAR) regret the discontinuance of this long tradition.

The next FARFest will be held on Sunday, September 26, 1999 at the Prince Georges' County (MD) baseball stadium complex which is the home of the Baltimore Orioles farm team, the Bowie BaySox.

The baseball complex is located near the intersection of routes US-50 and US-301 near Bowie, Maryland and is about halfway between the Washington, DC Beltway (I-95) and Annapolis, Maryland on US-50. It is clearly marked.

Vendors should contact Mary Morris, N4TCI, at 703-971-3905 or n4tci@erols.com for space reservations.

General information queries may be directed to FARFest Chairman Al Brown, KZ3AB, at 301-490-3188 or via e-mail at KZ3AB@ARRL.net.

Please visit our Internet homepage at: http://www.amateurradio-far.org/

Fee for Vanity Call Sign Application To Rise Slightly

-ARRL Bulletin # 21 The cost of applying for an amateur vanity call sign is expected to rise slightly this fall. In a just-released Notice of Proposed Rulemaking involving assessment and collection of regulatory fees for Fiscal Year 1999 (MD Docket 98-200), the FCC has proposed increasing the vanity fee to $1.42 per year or $14.20 for the 10-year term.

The current vanity fee is $13. That figure, originally proposed at $1.29 per year (or $12.90 for the 10-year term) was "rounded up" to $1.30 per year by the FCC when it was implemented last fall, so it's possible the FCC might adjust the final number up or down to an even dollar figure this time as well.

The FCC projects 6800 vanity applications in FY 1999 for a total revenue figure of more than $96,000.

The vanity call sign business has continued to be brisk over the past year and picked up slightly after the vanity call sign fee dropped from its high of $50 to $13 last September. The FCC reports it received a total of 12,152 vanity applications during 1998—slightly more than 1000 a month; however, not all applications have resulted in call sign grants. That trend continued in January and February. The FCC got more than 1400 applications in each of those two months.

The vast majority of applications last year were filed electronically. The FCC reports that fewer than 20% of last year's applications arrived on paper. The Commission's Gettysburg office currently takes approximately three weeks to process a vanity call sign application.

WX-1000 Weather Receiver

Attention Repeater Owners!

The NOAA Weather Radio Network broadcasts National Weather Service warnings, watches, forecasts and other hazard information 24 hours a day. The WX-1000 is an affordable priced, high quality weather receiver, easily installed in your repeater system. With so many unsettling weather conditions, don't you think it's time to provide timely weather alerts for your repeater group?

Features Include:

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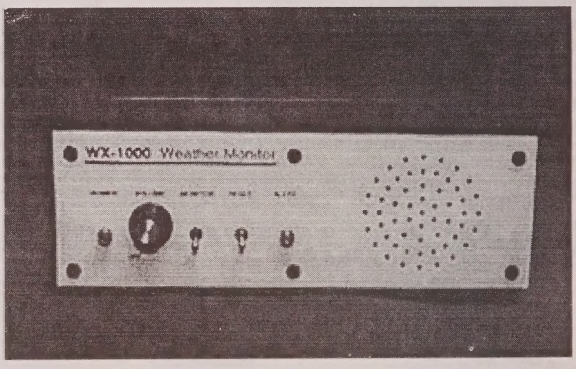
- ✓ *Alert Reset Switch*



WX-1000 Weather Receiver $299.00.

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Volnet Repeater Association, Inc Gives Several State Coverage

-Information provided by Rickey L. Brown, KE4CES

The Volnet repeater system first went on the air in December 1989 with one repeater located in McNairy, TN. It was originally the dream of Andy Masters, NU5O and his wife Carolyn, KD4HCW. Andy, an Air Traffic Controller at Memphis Center, became interested in linked repeater systems when he lived in Albuquerque, New Mexico, where he saw the benefits of the Zia Net.

Today, the Volnet is a not for profit corporation chartered in the State of Tennessee and is governed by a volunteer board of directors which include mark Hollomon, KD4MJA; Andy Masters, NU5O, Carolyn Masters, KD4HCW; Dave Peters, KD4KPV; Jeff Sipes, KD4GCT; and T.J. Warren, AE4AC. There are now eight 2-meter repeaters linked full time in Tennessee, Arkansas, Southwestern Kentucky, West and Middle Tennessee and Northern Mississippi. The Volnet is a guest of each of the eight tower sites due to the community minded spirit of the tower owners: Wood Communications, Alpha-One Tower Leasing, Baptist Hospital, Intermedia, and the Victory Television Network.

The name Volnet was chosen for several reasons, Since Tennessee is known for being the "volunteer state", it was natural to pick that name for the system. But it means much more. The people involved with the system represent what is best about ham radio-volunteerism. The system has been blessed by several technically oriented amateurs who volunteered their time and energy like Mike Burbage, KA4IZF - an engineer for MobileCom paging who helped us locate surplus equipment for the system and Tommy Trotter, KG5SF - one of the few old time amateurs still around that really does understand electronics and showed us how to "do it right." It is also blessed with great members, people who are some of the finest and friendliest ham operators you will ever meet anywhere.

These people are also often found fulfilling multiple roles in local ham clubs, Weather Nets with the National Weather Service Skywarn system, the Red Cross, Emergency Management Units, RACES, ARES, hospital emergency communications services, and a host of other community oriented programs that take advantage of amateur radio as a means of communication.

On any given "non-emergency" day, the Volnet traffic consists of 18-wheeler drivers going across country and sharing just a few hours of their lives with our members, husbands and wives commuting over large distances staying in touch, people going to work, school, or on vacation, hams checking on loved ones in a local hospital, or friends just keeping in touch over a long distance. When an emergency comes up, communications skills in the interest of serving their community.

How could you not want to be a part of that?

Each of the board members is committed to keeping the system on the air 24-hours-a-day with minimal interruption in service. Aging equipment, weak back up batteries, and patched up antennas make this a daunting task at times. Many hours a year are spent in maintenance and upgrades but it is all worth it after a hard days work on the system and you get to hear the users on the Volnet or when non-amateurs tell you they listen to the Volnet for emergency information because it is the first place they hear about impending tornadoes or other weather related problems.

The eight linked Volnet repeaters are located in Forest City, AR; Union City, TN; Collierville, TN; Oxford, MS; McNairy Co., TN; Bucksnort, TN; and Bruceton, TN. These eight machines give the tremendous coverage which was mentioned earlier in this story.

For more information about Volnet, Write Volnet, 550 Ozier Road, Penson, TN 38366.

JOURNAL FUNNY STUFF BY AD4QQ

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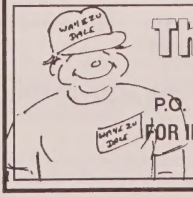

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* source: November 1996 QST

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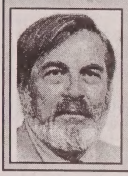
North Carolina - News -



GENE FEGELY, K3EJG
k3ejg@sera.org
115 RANDOMWOOD LANE
NEW BERN, NC 28562

As I read several of the club bulletins this past few months, articles about starting in amateur radio, early QSL experiences, and elmers who assisted, took me on a nostalgic trip through forty years of licensed amateur radio happenings.

As the son of a scoutmaster, I had learned Morse Code at an early age, and during WWII used an old Ford spark coil to 'transmit' the secrets of a 12-year-old to all the neighborhood, but specifically to my Boy Scout patrol leader across the street. We also had a TRF receiver which sometimes produced intelligible information other than broadcast stations.

The 'cat's whisker' crystal set was the next experiment, with a long wire antenna strung between our attic hideaways. This also started the end of our transmissions, when we attached it to the spark coil and caused enough static to hold a neighborhood conference. Our radio transmission efforts ceased for 12 years...until my novice in 1956.

Forty meters with a TV twin-lead folded dipole brought my code back, and the new technician license opened the way to voice transmission. Ray Wilkins, K3BRL, was my elmer...and how I envied his Collins 75A4 and Central Electronics SSB transmitter.

* * * * *

Robin McMurray, N4YRH, of the Cary ARC wrote an inspiring daughter to father article, citing his challenge to get her tech license. She really brought the memories to the front, as my own daughter, N4TLE, had done to me, many years ago. I am sure Bill McMurray, K4SG was happy to have another way to 'communicate' with an offspring.

Parent-child amateur licenses are only one way we have of preserving the family-like nature of ham radio. In the same publication, Editor Tom Klimala, KM4LB, tells of a daughter's hard work to give him a supply of tab cards, his major tool of organization. In another article, Tom describes the NCSU Student ARS project to build QRP CW rigs, not quite the same as an eighth grade class project I once tutored to build crystal radios.

A feature in support of the PCRN repeater system describes the effort necessary to climb 800 feet up a tower with a bag of tools to fix a coax which may have been waterlogged. Frank Lynch, KE4ZEQ, has an interesting web page on the history of PCRN. See:
http://www.ipass.net/~falynch/ke4zeq/pcrn.html

* * * * *

"My First QSL Card" was the article in the Cape Fear ARS News which next caught my attention. Bob Doyle, KL7NL, described the efforts to produce a reply QSL from his Alaska location. Local picture postcards and labels solved his problem. As a school teacher, I had access to a 'ditto' machine and produced blue ink on old file folders (we were into early recycling). Colored markers added a touch of rainbow to the call letters.

As a contrast to the early days, Fred New, KN4SS, describes how a ham operator can use the Global Positioning System with a laptop computer. Directions to out-of-the-way hamfests, search and rescue operations, locations for parade support radios, and pinpointing directions in foxhunting were mentioned.

* * * * *

The Mecklenburg MARS NEWS covered plans for the Charlotte HamFest, pleading for Tim Slay, WO4G, chairman for the event. An impressive list of Doug Moore, W4WDM; Shawn Goodin, K4RSG; John White, WB2NHQ; Mac McCray, K4PDY; Earl Fortner, K4KAY; Wilton McAllister, WB4PCS; and John Covington, W4CC; must have received the help they needed, since the fest seems to have been successful.

One of the enticements to club members was a free admission if they would serve a two-hour volunteer shift during the hamfest. Bob Southworth, KI4YV, kept the Discovery Place radio room open for those who wished to visit.

* * * * *

Another aspect of club activities was the tour of the Lenox China Company by the Kinston ARS, reprted Editor Ron Knapp, W9EF. Ron also touted the new e:mail address service by the ARRL, which provides a universal domain name to send mail to ARRL members who register their current internet address.

New officers for the club include Ron as president, Russ Worthington, WA$POD, vicepres; Jean Dupreee, KB4OHX; and Gene Rybolt, KA9DGI, treasurer. The club also supported two SkyWarn training programs with the Greenville BARC club.

* * * * *

Cooperation between the Raleigh RARs and the Forsyth ARC over the relocation of the 146.64 machine closer to Winston-Salem may lead to PL Access tones on the machines. A possibility of a wide range '64 machine for the I-40 corridor was presented by Dale Meirisch, WB9SZL, technical chairman.

Forsyth's FirstFest Hamfest in January was reported a success by Chairman Tom Gallagher, N4IOZ. The club also will put Amateur Radio Handbooks in all the county library branches.

* * * * *

ShelbyARC's Shamrac News included net report totals for checkins on their two repeater nets, as recorded by net manager John Ledford, N4GOQ. If my arithmetic is correct, figuring nine nets, they averaged 40 callers per net. Congratulations! John polled 50 one night, The club also boasted over 60 attendees at a recent club meeting.

Bobby Rawlison, WD4PPM, is the new president of the club, with VP Bobby Fisher, AB4OE; AVP Greg Horne, WA4YBP; Geraldine Lovelace, N4CJM; and Treasurer Bob Smith, KD4GWZ, filling out the offices. Plans for the 1999 Shelby Hamfest in September include the raising of ticket prices by one dollar and table rental up five, announced Hamfest Chairman Keith Queen,W4HKQ.

* * * * *

In contrast, the High Point ARC voted to postpone their 1999 HPARC Hamfest due to the decline in dealer interest and below average profit in 1998.

Their Newsletter also noted that Myron Buser, KQ4ZZA, has been ill and unable to maintain the club's Web Page. Here is another area of amateur radio which has expanded our horizons. You can check the club page at www.qsl.net/kq4za

* * * * *

Bill Boyes, KB1G, topped my reading with his article, "Elmers Remembered" in the Greensboro ARA Feedline. He described silent key Gordon Fox, W1YNE, Section manager for RI, as his mentor in good operating practice and the high standards of amateur radio. Another SK , Bill Wray, K4BPH, was remembered for his assistance in repairing a borrowed antique radio.

Another article, this by Daryl Brewer, KE4MOH, describes the effort put forth by an amateur who decides to set up a repeater, finds the means and location, puts it into service. Then the expenses get greater, repairs are necessary, and the tower owner informs him that the repeater has to be moved. In this all too recognizable scenario, he appeals, "What would you do?'

This appeal can also be passed to our readers. With the many hamfests which seem to be failing, the repeaters which need technical and financial support, the clubs which find treasuries dwindling and dues advancing, what support can you give?

Will someone write an article in your club bulletin about your efforts to support amateur radio?

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If I Can Talk the Talk, I Don't Have to Walk the Walk and Get Out of My Lazy-Boy

Have you ever noticed that most, of us HAMs have, at least, two conversational languages? Not just the proper Southern English that we'uns speak every day, but, "Radio-ese" or "radio speak" that we use on the radio. Well, I noticed. But, then I am Miss-Stick-My-Nose-Into-Everything. Anyway, we talk one way to everyone in person, at work and on the phone and use a second language on the air. Y'all know that . . . don't you?!? We have many ways of talking to others: our parental voice; our husband-wife telepathy or, as Radio Romeo says "getting his orders for the day"; the way we talk to our friends, our work vocabulary; whining when we want something and so on. But, Sugar Babes, distinct and separate from all that is talking in radioese. That fascinates me. It is an entertainment form in itself.

We use words and phrases that do not make sense anywhere to anyone for any reason but to other HAMs. Our radio-speak is our secret code. It's derivative from CW and early days of voice on HF so that we can be understood on HF in poor conditions. 2M spoils us because we don't need radioese so much because we can hear transmissions so clearly. Much of it does make sense and is quite useful. So, right here, let me exclude phonetics for HF.

Yes, yes, yes, I DO know that some radioese is a holdover from CB talky-talk. I did that whole CB thing, too. I got bored with my CB radio after about an hour. I don't have a short attention span, it just turned me so off. I listened. The only thing I did like about CB was the names that people give themselves. You know, like the little biddy man who calls himself "Tiger" and the generous size person who invariably gave him or herself the handle of "Teeny". I was "Cinderella", from a nickname that others gave me before I married my Radio Romeo. If you say "Cindy Riddle" real fast that's what it sort of sounds like If you must know, I was a Riddle before I married Jim.

It's always been a puzzle to me that no one believes that!

Radio speak is fun, kind of dumb, intriguing, bewildering and silly and I love it. Here are my favorite and not so favorite "words" and phrases:

"Whut's your personal" is too private for me. If someone uses the alternative, "What's's your handle", I think that they mean do I need to get ahold of something before I talk to them any more? Most of those who ask me, make me, indeed, want to grab something. Since I am not sure what I am supposed to grab, I restrain myself. Which is not hard in front of a massive, beer-gutted HAM with 3 HTs and two microphones coming out of indeterminate orifices and those ear-to-mouth things that I don't know asking me something like that. And he thinks I am going to answer? Yipes.

Here are other words and terms we know.

"73s". Once in a while, it scares me but a thing like this make sense. Otherwise, you would say, "Best regards" to the person which you don't do in conversation. Sometimes, I think to myself "Best regards" as I say it on the radio to hear how it would sound if I actually said THAT to the person. I realized that I would not say it to some that I was, so I got really conservative with saying "73s". I usually say, "Thank you" instead - for the contact. (All this tells me that I really need to lighten up. I think I need a hobby for my hobby)

"88s". Well, now you can understand that is a great term. But, ya gotta watch it when you use it. You can't just go saying "88s" to everything with an antenna. No, siree. I am very selective with my "88s".

On the other hand, If Joe, WD4MRD, suddenly started saying "Love" to me ON the radio, I expect that Mrs Henderson might have something to say about that little thing. Yes, sir. Thankfully, that is a nice way to tell or send in a message, that extra bit of caring and warmth that one feels for a HAM of the opposite sex.

Speaking of radio speak, let me tell you about Joe, who is one of the best radio talkers that I know. He speaks plain, clear English on HF. No "hi hi's" and "QSLs" comin' out of his mouth. Joe Henderson, WD4MRD, is one of THE BEST HAMs there is and was. He and Bill Finch, W4EHF, are, truly, the ideal Amateur Radio Operators. Bill is the best man. They helped me so much. Both are very encouraging with new and old HAMs. Both are understandable and extremely helpful. You won't hear them cluttering up a contact with a bunch of radio junk talk. I don't believe I have ever heard either one say, "QSL". They are very positive men. Joe and Bill can sure talk plainly and efficiently on the air. They are all that is right in HAM radio. I will tell you what they both have in one word, grace. Bill builds his own equipment. I still cherish the day I got to see some of it. Manners never hurt anybody. Maybe that is what we need to get the problems on the radio partially fixed ????

Which reminds me. QSL" for "yes". Really!!! Why can't HAMs just say "Yes" for yes? Then, they send "QSL" or "yes cards".

"I am getting to my home QTH". Isn't that the same thing? So, the person is saying that they are getting to their home home, in effect. I think think.

My "XYL" or "XL. I am Dyslexic so I can't keep it straight what I am to Radio Romeo. I am a X, I know that part. If I am a "YL" or just an "L', I am not sure. Better that than a "XX", I guess. No, an "XX" is good, or, at least, better than a "XXX". I bet I am a LX. Or, LS.

"OM". Never, oh, never ever never, no matter what, will I ever call Jim Rogers my "OM". Despite all the teasing and the writing about him in these articles for all these years, I will not call him that. Jimmy is not old. No husband is really an OM. Y'all are all young and wonderful to us wives.

"We". Do you know that after all I wrote and all I said, Radio Romeo is STILL saying "we" for I just as hard as he can? Scream. I told him that he sounded like Queen Elizabeth. At least he doesn't wear pink scalloped-neck dresses like she does. He actually said back to me with a sort of pinched look on his face, "WE are not amused".

"Negative". The sound of the word "negative" doesn't seem to me to be much of a dramatic work for the radio. I shouldn't tell this but, I loved "negatory". Now, that is a wordy word. It's a good trashy, though. Love it. But, I would not say it to save my life. Well, maybe in another state where no one knows me.

I draw the line at one thing. The worst is when a HAM who is not yet able to get on HF but says "hi hi" anyway. Even when I first was able to get on HF or 2M never did I consider saying "Hi Hi" when I could just laugh or chuckle. What happened to simple laughter? If you can hear everything else, you can hear that, too. Duh.

What really astounds me is when HAMs use radioese OFF the radio. I will leave that alone because it is usually done by new HAMs, which we all were once. Lord knows, I sure was.

I got to tell you that terms like "traffic" elude anyone that is not a HAM. I learned early on when I called someone with a message not to use radioese with them but to say that I have a message for them. I do

(Continued on Next Page)

Editorial Comment

-Continued from Page 1

report being able to answer many questions, and to solve quite a few problems while on the road.

Another great thing we are experiencing. We have several hundred new members reading this issue of the Repeater Journal that we didn't have last year. We are very pleased to have you with us, and we hope there is something in the Journal that will be of value to you. The main thing you are doing is financially supporting the coordinating organization for the Southeast, which enables us to continue our work. Bet you didn't realize that - did you?

* * * * *

I've been licensed for 41 years now, and I feel kinda funny when I call my 32-year-old son, Chris. Many of you who used to come by and see us when we were Williams Radio, remember him. He was the real tall one. In March Chris got his "Vanity" call. He changed from KE4FUP to W4CAW. Oh Well! I'll get used to it - I guess!

* * * * *

Have you ever participated in an "Electronic" Survey? We're trying on in this issue of the Journal. You'll find a page inside which contains questions. All you have to do is email a special address we have set up, write down the number of the question, and your answer. If you do NOT have email capability, or don't have a friend you can get to send for you, and you'd still like to participate in the survey - just write the Question number down on a piece of paper, and your answers, and mail it to the Journal editor. My address is on Page 2. We plan to provide answers to the survey to hamfest sponsors, dealers and others - in an attempt to let them know what the general public wants, would like to see, and hopes to find at a hamfest. With all the subparts to the 25 questions, it winds up being about 80 different questions to answer, involving just about everything in a hamfest. Your input will definitely help in making improvements and hopefully make hamfests regain attendance many have lost.

* * * * *

ON THE COVER

I almost didn't run the picture of Liz, KD4OCG, our teenage tower climber on the cover. It was a great cover picture, but she kinda looked like she was mad. We found that the wind that day, according to dad, Charlie Stokes, WB4PVT, made it kinda impossible to smile. Besides, who wants to smile when you are balancing on the 200-foot level of a tower. Our artist at Royal Printing Co., promised to make her look a little happier (??) We'll see! Irregardless Elizabeth Clarence, enjoy your first cover. May there be many more!

* * * * *

If I'm lucky in the next few months, maybe we'll meet somewhere at some hamfest, and have a nice little chat. Meanwhile, you help me keep our Repeater Journal going strong. Encourage your friends to join SERA and send news to our correspondents. See Ya!

-Wayne C. Williams, K4MOB, Editor

The Happy Hamette - Continues

say "MARSGRAM" but define it quickly as a message. MARSGRAM is the proper word for a MARS message while "traffic' is a HAM "in-house" term. Ya gotta think about that stuff when you are talking with the public and hoping to attract them to the hobby. This can scare somebody's grandmother who is leery of talking to strangers and thinks you are going to charge her for the message hears the word "traffic" and that you are seeing her some. She is liable to think that she will see several 18-wheelers in her yard.

Using radio-speak is fun on the radio. It's sort of like being a kid and playing Captain Radio with code words. Actually, we are saving time and being clear for the other HAM if we use these words as we oughta. But, we don't know that we are using radio speak off the air sometimes. I suppose it comes from being proud, being able to do something special and having a hobby that is so extraordinary. Our hobby does have the best and most fun words, doesn't it, Good Buddy?

West Virginia SAWS Report

-by Eddie KB4UCE and Mike KB8GDF

As we started the new year, Mark Miller (KB8KDR) EC Mingo County, W.V. has become quite pleased with the ARES activity in Southern West Virginia, Eastern Kentucky. He hopes that all the Hams will continue to work together.

February found love in the air as Christy (KE6TQZ), ran her third annual Valentine Net. She brought many interesting stories about the holiday. Check-ins shared their heart wishes to each.

Also in February, Ab Starr (N8IBK), dedicated his Wednesday night nets to remember the victims of the Buffalo Creek Flood. He also trained on the dangers of flash floods.

March marked the one year anniversary of the SAWS Web Site. Thanks to Eddie (KB4UCE) for all his hard work in bringing together Amateur Radio and the Internet. Everyone may check it out at: www.qsl.net/saws/index.html

The Hams of Southern West Virginia would like to thank Mike (KB8GDF), Jess (AA8XE) and Bobby (KA8QOB) for their weekly on-the-air CW training class. The class resulted in several Hams passing their 5-words a minute code tests.

SAWS was very glad to have the Hilljerks visit Southern West Virginia again. The Hilljerks is a group made up of Hams from all over the county. They come to Southern West Virginia to camp out and Radio in the mountains. They also have a Web Site at: www.hilljerks.org

We look forward to when they will come back for Field Day. We also invite everyone around the area to participate with us in Field Day activities. We guarantee you a fun weekend. Field Day site is on Buffalo Mountain, six miles south of Williamson, W.V. on route 52 at Roadside Park. Talkin is on 145.330-. A map can be found on the SAWS Web Site. For any questions call Stan Hatfield (KT8J) at (304)475-3491.

Once again, our thanks to all who support SAWS through membership each year. These great members have faithfully kept the repeater and SAWS going since 1985.

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Seeing is Transceiving

Portable SSTV is here! Kenwood's new VC-H1 Visual Communicator combines an image-scan converter, CCD camera and LCD monitor in a compact battery-operated unit. Simply hook it up to your Kenwood transceiver to start sending and receiving color images over the air.

VC-H1 Visual Communicator

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Until now, for anyone interested in SSTV (slow-scan television), portability has not been an option. But thanks to component miniaturization the VC-H1 is not only small enough for handheld use but it runs off 4 AA batteries so you can take it anywhere. This makes it ideal for field days, special events, disaster communications and even fishing trips.

◗ Full compatibility

The VC-H1 can be connected to any transceiver with just a cable, and it offers full compatibility with all of the standard SSTV formats. Uploads/downloads are quick and easy; the images are also sharp and clear.

◗ All-in-one design

In addition to the detachable 1/4-inch CCD camera, the VC-H1 features a 1.8-inch color TFT (thin film transistor)-type display. As well as viewing incoming pictures, you can review your own prior to transmission. The built-in microphone & speaker can be used in place of a separate speaker-microphone for your transceiver.

◗ Image memory

Up to 10 pictures can be stored in memory. This allows you to compare and pick the best shot to send. You can also store incoming pictures and protect them from unintentional deletion.

◗ Computer connectivity

One of the great features of the VC-H1 is the ability to work with a personal computer. Hook it up to the RS-232C port on your laptop using the optional connection kit (includes Microsoft® Windows® 95 software) and you can save pictures (in JPEG format) that you send and receive. You can then cut and paste using standard graphics software, or even superimpose your own text. What's more, you can actually control the VC-H1 from your computer.

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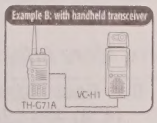

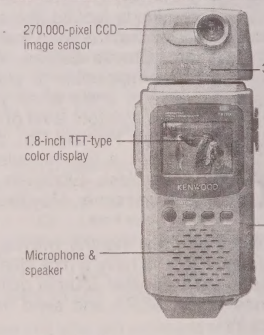
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THE SERA OFFICIAL REPEATER INDEX

FOR: GEORGIA ■ KENTUCKY ■ MISSISSIPPI ■ NORTH CAROLINA ■ SOUTH CAROLINA ■ TENNESSEE ■ VIRGINIA ■ WEST VIRGINIA

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SERA will not be responsible for incorrect or omitted listings. The responsibility of correct listings is that of the actual repeater owner or sponsor. SERA makes every effort to keep the index as accurate as possible with information provided. The SERA ***Repeater Journal*** repeater lists contain certain repeaters which are NOT or have not been coordinated by SERA, or are not operating according to recognized frequency utilization plans. SERA does not necessarily condone, or recognize such repeaters as being legal or illegal. They are listed in our indexes primarily to keep our readers informed of all repeaters known in the areas surved by SERA.

Some repeaters allow voice as well as other functions on their machine. Operators should check with owners for additional information about what is allowed, and what features are available. Digital Repeaters with normal input/output (pairs) are listed in the regular FM repeater index. Digital systems operating simplex are not coordinated by SERA and are not on our repeater lists. For tone-accessed repeaters, the codes column contains the tone or access code for those repeaters which the owner or trustee has given us written permission to publish. They are in the By-State, and By-Frequency listings.

Entries with "#" in front of city indicates repeaters added to this index that have not been coordinated through the local SERA state coordinator. Owners may work with their coordinator to get this indicator removed. Repeater frequencies which have been coordinated but may not yet be on the air are listed with "PROP" showing in the codes column. Unknown listings are in a separate area.

Repeater owners are reminded to contact their local Frequency coordinator (Director) for assistance in coordination, changes in their listings, or any other requirements. There is no charge. The annual SERA repeater datasheet, sent to all known repeater operators, should be accurately updated each year and returned to SERA

SERA FM VOICE SIMPLEX

10 Meters:	29.600#					
6 Meters:	52.490	52.525#				
2 Meters:	146.400*	146.415*	146.430*	146.445*	146.460*	146.475*
	146.490*	146.505*	146.520#	145.535	146.550	146.565
	146.580	146.595	147.405*	147.420*	147.435*	147.450*
	147.465*	147.480*	147.495*	147.510	147.525	147.540
	147.555	147.570	147.585			
220 MHz:	223.400	223.420	223.440	223.460	223.480	223.500#
	223.520	223.540	223.560	223.580	223.600	223.620
	223.640					
440 MHz:	445.825	445.875	445.900	445.925	445.950	445.975
	446.000#	446.025	446.050	446.075	446.100	446.125
	445.150	(Not all listed)				

* Permitted for Voice Simplex use unless operation would cause interference to repeater inputs. Be aware that SERA coordinates some of these frequencies as repeater inputs in some areas.
# - Designated National Simplex Frequencies.

SERA DIGITAL/PACKET SIMPLEX

2 Meters:	144.910	144.930	144.950	144.970	144.990	145.010
	145.030	145.050	145.070	145.090	145.510	145.530
	145.550	145.570	145.590	145.610	145.630	145.650
	145.670	145.690	145.710	145.730	145.750	145.770
	145.790					
220 MHz.	223.660	223.680	223.700	223.720	223.740	223.760
	223.780					

High speed digital channel (100 KHz wide) - 222.350 - 222.450 (222.400 Center)
High speed digital channel (100 KHz wide) - 223.800 - 223.900 (223.850 Center)

440 MHz.	440.9125	440.9250	440.9375	440.9500	440.9675	440.9750
	440.9875	441.0000	441.0125	441.0375	441.0500	441.0625
	441.0750	441.0875	441.1000	441,1125	441.1375	441.1500
	441.1625	441.1750				

NOTE: Digital operators are reminded to check with their local Digital/Packet organizations as to which digital/packet channels are available for various digital usage in their particular area. Some channels have specific exclusive uses.

REPEATER INDEX LISTINGS BY STATE - BY CITY

Listings Correct as of Apr. 14, 1999

GEORGIA

10 METERS

ATL/MARIETTA	N4NEQ	29.640 -	T118.8	
DALTON	N4BZJ	29.680 -		☺
#MACON	KF4XH	29.620 -	UNCOR	
MONROE	KQ4XL	29.620 -		☺

6 METERS

ATL/MARIETTA	KD4DKW	53.090 -	T118.8	
AUGUSTA	NA4I	53.030 -		☺
BOLINGBROKE	KC4ZIZ	53.430 -		
CARTERSVILLE	WB4AEG	53.070 -	T123.0	☺
CLEVELAND	N4RBT	53.170 -		
CRAWFORD	KD4FVI	53.330 -	T88.5	
#CUMMING	WA4YNZ	51.700 -	UNCOR	☺
DALTON	N4BZJ	53.130 -		☺
DECATUR	KA4UFM	53.390 -	T	☺
DOUGLASVILLE	N4UOX	53.470 -	T88.5	
IVEY/MACON	K4YC	53.730 -	T88.5	☺
LAKE PARK	KB0Y	53.890 -	T141.3	☺
LAWRENCEVILLE	W4GR	53.110 -	PROP	
#MACON	KF4XH	53.390 -	UNCOR	
MARIETTA	N1KDO	53.210 -	T79.7	☺
MARIETTA	KF4BMG	53.250 -	T79.7	☺
PINE LOG MT.	KE4PN	53.290 -	T198.2	
#ROSWELL	WA4YNZ	53.010 -	UNCOR	☺
WATKINSVILLE	KD4AOZ	53.570 -	T	☺

2 METERS

ADAIRSVILLE	WD4IWL	146.685 -		☺
ALBANY	W4MM	146.700 -		
ALBANY	W4MM	146.730 -		
ALBANY	W4MM	146.820 -		
ATHENS	WA4BKF	146.745 -		☺
ATHENS/CRAWFRD	K4TQU	147.375 +		☺
ATLANTA	W4AQL	145.150 -		
ATLANTA	W4IBM	145.290 -		
ATLANTA	W4DOC	145.350 -	T146.2	☺
ATLANTA	K4LCI	145.430 -		
ATLANTA	W4DOC	146.820 -	T146.2	☺
ATLANTA	K4CLJ	146.970 -	T	☺
ATLANTA	WB6RTH	147.105 +	T77.0	☺
ATLANTA	K4JPD	147.195 +	T	
ATLANTA/AIRPORT	W4REI	147.030 +		☺
ATLANTA/BELL	W4PME	145.410 -	100.0	☺
ATLANTA/GPCO	WA4VBX	147.285 +		☺
ATLANTA/MARIETTA.	N4NFP	146.655 -	T118.8	
ATLANTA/MARIETTA.	N4NEQ	147.345 +	118.8	
ATLANTA/SWEAT MT	KD4NC	146.730 -		
AUGUSTA	NA4I	145.290 -	T100.0	☺
AUGUSTA	AA4UA	145.370 -		
AUGUSTA	NA4I	145.410 -		☺
AUGUSTA	W4DV	145.490 -		☺
AUGUSTA	KT4N	146.940 -		
AUGUSTA	K4KNS	146.985 -		☺
AUGUSTA	N4BMA	147.180 +		
BAINBRIDGE	KE4RWR	147.090 +	PROP	
BALDWIN	WD4NHW	147.180 +		☺
BLAIRSVILLE	K5PRE	146.955 -		☺
BOGART	WW4T	147.000 +	PROP	☺
BONAIRE	KD4HMH	145.470 -		☺
BONAIRE	KM4DT	147.015 +	T82.5	☺
BOSTON	W4UCJ	147.195 +		☺
BRUNSWICK	K4TVE	146.730 -		
C;EV;MD/LONG MT	WB4HIG	146.910 -		☺
CALHOUN/JASPER	KC4AQS	146.805 +		☺
CARROLLTON	W4FWD	146.640 -	T131.8	☺
CARTERSVILLE	N4GIS	147.015 -		☺
CEDARTOWN	W4CMA	147.120 +		
CHATSWORTH	N4YYD	145.250 -	T71.9	
CHULA	W4PVW	147.285 +	T103.5	☺
COCHRAN	N4MXC	145.110 -	T107.2	
COCHRAN	W3LAP	147.330 +	T77.0	☺
COLBERT	N4ALE	147.300 +		☺
COLUMBUS	W4CVY	146.610 -		
CONYERS	KF4GHF	147.210 +	T162.2	☺
CORDELE	KB0Y	145.230 -	PROP	☺
CORDELE	KA4WUJ	145.490 -	T103.5	☺
COVINGTON	WA4ASI	146.925 -		☺
COVINGTON	WA1KMS	147.270 +	T127.3	☺
CUMNG/SAWNE MT	K4BYK	147.150 +		☺
DAHLONEGA	N4KHQ	146.835 +	T100.0	☺
DALLAS	W4RPO	146.850 -		
DALLAS	WD4LUQ	146.895 +	T77.0	☺
DALTON	KS4BS	145.230 -		☺
DALTON	N4BZJ	147.135 +	T100.0	☺
DECATUR	W4BQC	145.450 -		☺
DOUGLAS	KE4ZRT	147.045 +	141.3	☺
DOUGLASVILLE	KR4HV	145.110 -	T88.5	☺
DOUGLASVILLE	W4SCR	147.360 +	T88.5	☺
DUBLIN	WA4HZX	147.360 +		☺
EASTMAN	KC4RRO	145.210 -		
EASTMAN	KF4ODQ	145.330 -	T77.0	
EATONTON	KC4YHM	147.090 +	T179.9	
ELBERTON	N4UJT	146.625 -		
ELLIJAY/TALONA M	KC4ZGN	146.985 -	T77.0	☺
EMERSON	AE4JO	147.240 +	T103.5	☺
FAYETTEVILLE	WA4EPK	145.210 -		☺
FAYETTEVILLE	KB4KZY	146.685 -		☺
FAYETTEVILLE	WD4LYT	147.165 +	T	
FOLKSTON	KD4GEY	146.790 -		
GAINESVILLE	W4ABP	146.670 -	T131.8	☺
GRIFFIN	K4HYB	145.390 -	T88.5	
GRIFFIN	K4HYB	146.910 -		
HARTWELL	WA4RBS	146.895 -	T100.0	☺
HELEN	W4MMQ	147.390 +		
#HINESVILLE	KF4UM	147.015 +	UNCOR	☺
IRWINTON	WB4NFG	147.240 +	T77.0	
IVEY	K4YC	145.250 -	T	☺
IVEY/MACON	K4YC	145.150 -	77.0	☺
JASPER	KB4IZF	145.370 -	T100.0	☺
JASPER	W4OOM	146.700 -		☺
JESUP	KA4EIM	145.430 -		☺
JONESBORO	WA4DIW	145.170 -		☺
JONESBORO	WA4OGE	145.330 -		
KIBBEE	K4HVK	146.820 -	T	☺
KINGSLAND	KC4WWU	147.285 +	T118.8	☺
LAFAYETTE	KB4VAK	147.375 +	T77.0	
LAGRANGE	KD4BWK	146.700 -	T141.3	☺
LAKE PARK	KB0Y	147.135 +	T141.3	☺
LAVONIA	K4NVG	146.715 -	T100.0	☺
LAWRENCEVILLE	WB0QGH	145.190 -	T	☺
LAWRENCEVILLE	W4GR	147.075 +	82.5	☺
#LINCOLNTON	KT4N	147.120 +	UNCOR	
LOOKOUT MTN	W4GTA	145.350 -	TT100.0	☺
LOOKOUT MTN	KS4QA	146.760 -	T67.0	☺
MACON	W4BKM	145.370 -		
MACON	AA4RI	145.430 -		☺
MACON	W4BKM	146.660 -		
MACON	K4PDQ	146.805 -	T77.0	☺
MACON	N3SM	146.895 -	T123.0	
MACON	WA4DDI	147.060 +	T	☺
#MACON	KF4XH	147.165 +	UNCOR	
MADISON	WB4DKY	146.865 -	T179.9	☺
MARIETTA	W4LMA	145.490 -		☺
MARIETTA	N4NFP	146.775 -	T118.8	
MARIETTA/ATLANTA.	W4BTI	146.880 -	T100.0	☺
MILLEDGEVILLE	WB4DOJ	146.700 -	T67.0	
MILLEDGEVILLE	K4FRM	147.135 +	T123.0	
#MONROE	KD4WOU	146.955 -	UNCOR	☺
MORGANTON	N4NEQ	147.165 +	T	
MOULTRIE	WD4KOW	146.790 -		☺
#NORTH ATLANTA	KR4KS	147.315 +	UNCOR	
PEMBROKE	WB4CJB	147.075 +		
PERRY	WR4MG	145.290 -	T107.2	☺
PERRY	WR4MG	146.955 -	107.2	☺
QUITMAN	WA4NKL	146.880 -		☺
RICEBORO	KF4UM	145.470 -		☺
RINGGOLD	W4ABZ	146.715 -	T67.0	☺
ROME	WB4YSV	147.300 +		
ROME/MT. ALTO	W4VO	146.940 -		☺
ROSWELL	N4CLA	147.060 +		☺
SANDERSVILLE	KT4X	145.270 -	T77.0	

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INDEX LISTINGS - BY STATE - BY CITY . . . continued

GEORGIA REPEATERS CONTINUE

SAVANNAH	. . . .	K4NLX	146.700 -	
SAVANNAH	. . . .	KE4WAQ	146.850 -	
SAVANNAH	. . . .	W4HBB	146.880 -	
SAVANNAH	. . . .	W4HBB	146.970 -	
SAVANNAH	. . . .	K4LNX	147.210 +	
SAVANNAH	. . . .	K4NLX	147.330 +	
ST SIMONS ISLAND	.	N4XGI	145.330 -	T131.8
STATESBORO	. .	NC4D	147.105 +	
STOCKBRIDGE	. .	WA4JDR	145.310 -	
STONE MT	. . . .	W4BOC	146.760 -	T107.2
STONE MTN	. . .	WD4KDT	147.255 +	T
SUMMERVILLE	. .	W4RLP	147.225 +	
SWEAT MT/MARIETT	.	N4CLA	145.470 -	
THOMASTON	. .	W4OHH	147.390 +	
THOMASVILLE	. .	W4UCJ	147.060 +	
THOMSON	. . .	KC4GSS	146.835 -	
TOCCOA	. . . .	KA4DIP	147.330 +	
VALDOSTA	. . . .	KB0Y	145.130 -	T141.3
VALDOSTA	. . . .	KF4BJM	146.760 -	141.3
WALESKA/PNLGMT	.	KE4PN	145.270 -	T103.5
WARM SPRINGS	. .	KN4FE	146.985 -	
WARNER ROBINS	. .	WA4ORT	146.850 -	
WARNER ROBINS	. .	WB4BDP	147.180 +	
WARNER ROBINS	. .	WR4MG	147.300 +	107.2
WATKINSVILLE	. . .	KD4AOZ	147.045 +	T
WAYCROSS	. . . .	AE4PO	146.640 -	T141.3
WAYCROSS	. . . .	AE4PO	147.255 +	PROP
WAYNESBORO	. .	K4BR	145.230 -	
WRENS	. . . .	KB4NA	146.775 -	
WRIGHTSVILLE	. .	WA4RVB	146.940 -	

220 MHZ

ACWORTH/ATL	. .	N4MTA	224.320 -	T123.0
ACWORTH/ATL	. .	N4MTA	224.500 -	T123.0
ALPHARETTA	. . .	NX9O	224.580 -	100.0
#ALPHARETTA	. .	WB6RTH	224.840 -	UNCOR
ATL/MARIETTA	. .	N4NEC	224.440 -	T118.8
#ATLANTA	. . . .	W4DOC	224.340 -	UNCOR
ATLANTA	. . . .	W4DOC	224.560 -	T146.2
ATLANTA	. . . .	KK4C	224.820 -	
ATLANTA-NE	. . .	KC4OVY	224.200 -	T100.0
ATLANTA/BELL	. . .	W4PME	224.620 -	100.0
ATLANTA/MARIETTA	.	N4NFP	224.120 -	T118.8
ATLANTA/MARIETTA	.	N4NEQ	224.220 -	T
ATLANTA/MARIETTA	.	PT2RFL	224.960 -	T100.0
AUGUSTA	. . . .	WB4KXO	224.940 -	
CLEVELAND	. . .	N4RBT	224.380 -	
DALLAS	. . . .	N4YDX	224.180 -	
DALLAS	. . . .	N4YEA	224.540 -	
DALLAS	. . . .	W4TIY	224.700 -	
DALTON	. . . .	N4BZJ	224.360 -	T
DALTON	. . . .	N4BZJ	224.460 -	T118.8
DALTON	. . . .	N4BZJ	224.680 -	
DALTON	. . . .	N4KVC	224.740 -	T
FT MT/CHATSWTH	.	N4YYD	224.240 -	T71.9
GAINESVILLE	. . .	W4ABP	224.460 -	PROP
HAWKINSVILLE	. .	WR4MG	224.820 -	PROP
JASPER	. . . .	N4GIS	224.600 -	PROP
#LOGANVILLE	. . .	WB6RTH	224.640 -	UNCOR
MACON	. . . .	W4BKM	224.660 -	
MARIETTA	. . .	KE4QFG	224.260 -	
MARIETTA	. . .	W4LMA	224.900 -	
NORCROSS	. . .	KE4IPX	224.480 -	
PINE LOG MTN	. .	KE4AIS	224.520 -	
SNELLVILLE	. . .	KR4KS	224.920 -	T
STONE MT	. . . .	W4BOC	224.760 -	
VALDOSTA	. . . .	KB0Y	224.460 -	T141.3
WALESKA	. . . .	KD4ALC	224.140 -	
WALESKA	. . . .	N4GIS	224.940 -	
WARNER ROBINS	. .	WR4MG	224.840 -	
WATKINSVILLE	. . .	KD4AOZ	224.420 -	T
YORKVILLE	. . . .	WD4LUQ	224.880 -	T77.0

440 MHZ

ACWORTH	. .	KC4YNF	441.800 +	T77.0
ALBANY	. . . .	W4MM	444.500 +	
ALPHARETTA	. . .	WB6RTH	442.000 +	
ATHENS	. . . .	AA4AI	442.950 +	T179.9
ATHENS	. . . .	WB4VNT	443.300 +	T
ATL/MARIETTA	. .	N4NFP	442.800 +	T
ATLANTA	. . . .	WA4NMF	442.025 +	T100.0
#ATLANTA	. . .	WB6RTH	442.225 +	UNCOR
ATLANTA	. . . .	WB5TUF	442.525 +	T110.9
ATLANTA	. . . .	KE4PVE	442.675 +	T100.0
ATLANTA	. . . .	WA4YNZ	442.975 +	T
ATLANTA	. . . .	WA4NMF	443.025 +	T100.0
ATLANTA	. . . .	WB5TUF	443.450 +	T110.9
ATLANTA	. . . .	W4DOC	444.450 +	T146.2
ATLANTA	. . . .	WB5TUF	444.500 +	T110.9
ATLANTA	. . . .	W4DOC	444.825 +	T146.2
ATLANTA	. . . .	WA4YNZ	444.975 +	T
ATLANTA/BELL	. . .	W4ZTL	421.250 +	
ATLANTA/BELL	. . .	W4PME	444.150 +	T100.0
ATLANTA/MARIETTA	.	PT2RFL	442.875 +	T100.0
ATLANTA/MARIETTA	.	N4NFP	443.800 +	T118.8
ATLANTA/MARIETTA	.	N4NEQ	444.050 +	T118.8
ATLANTA/MARIETTA	.	N4NEQ	444.775 +	118.8
AUGUSTA	. . . .	NA4I	444.900 +	
BALDWIN	. . . .	WD4NHW	442.350 +	
BLAIRSVILLE	. . .	KE4D	442.200 +	PROP
BOGART	. . . .	WW4T	443.475 +	PROP
BONAIRE	. . . .	KM4DT	444.625 +	T82.5
BRUNSWICK	. . .	K4TVE	444.975 +	
BUFORD	. . . .	K3TD	442.900 +	T103.5
CALHOUN/JASPER	.	KC4AQS	443.375 +	
CARROLLTON	. .	AE4GU	444.075 +	T107.2
CEDARTOWN	. .	KD4EKZ	443.400 +	T123.0
CEDARTOWN	. .	KD4NTF	443.575 +	T107.2
CHATSWORTH	. .	N4OGF	443.000 +	
CHESTER	. . . .	KD4IEZ	444.525 +	T156.7
CLAYTON	. . . .	K4DKI	442.825 +	T
COCHRAN	. . . .	N4MXC	444.775 +	PROP
COCHRAN	. . . .	W3LAP	444.975 +	77.0
CONCORD	. . . .	WB4GWA	443.400 +	118.8
CONYERS	. . . .	KB2DZA	443.725 +	T77.0
#COVINGTON	. .	K4GO	443.750 +	UNCOR
COVINGTON	. . .	KE4PVE	444.175 +	T100.0
COVINGTON	. . .	WA4ASI	444.800 +	T88.5
CULLODEN	. . .	KE4BB	444.275 +	T123.0
#CUMMING	. . .	WA4YNZ	444.975 +	UNCOR
DAHLONEGA	. . .	N4KHQ	443.100 +	100
DAHLONEGA	. . .	N4KHQ	444.900 +	
DALLAS	. . . .	WD4LUQ	444.700 +	T77.0
DALTON	. . . .	N4BZJ	442.175 +	T118.8
DALTON	. . . .	N4BZJ	444.500 +	T118.8
DALTON	. . . .	N4BZJ	444.850 +	
DANIELSVILLE	. . .	KE4FHN	442.650 +	T
DECATUR	. . . .	N3APR	442.200 +	
DECATUR	. . . .	KA4UFM	443.950 +	T110.9
DECATUR	. . . .	W4BOC	444.250 +	
DOUGLASVILLE	. . .	W4SCR	444.575 +	T88.5
DUBLIN	. . . .	KD4FOC	442.600 +	T77.0
DUBLIN	. . . .	KD4IEZ	443.025 +	T156.7
DULUTH	. . . .	W4IXN	443.775 +	T82.5
EATONTON	. . .	KC4YHM	442.925 +	
ELLIJAY	. . . .	KC4ZGN	442.700 +	T77.0
FLOWERY BRANCH	.	K4VJM	442.775 +	PROP
FOLKSTON	. . .	KD4GEY	444.475 +	
FT. MT/CHATSWTH	.	N4YYD	443.350 +	T71.9
GAINESVILLE	. . .	W4ABP	442.625 +	T131.8
#GAINSVILLE	. . .	WA4DB	444.200 +	UNCOR
GRAY	. . . .	KD4KGR	443.625 +	
GREENSBORO	. . .	N4YXL	444.850 +	PROP
GRIFFIN	. . . .	KE4WLP	443.550 +	PROP
HAPEVILLE	. . . .	KC4ENL	442.825 +	T167.9
HELEN	. . . .	W4MMQ	444.350 +	
HIGH PT/LOOKT MT	.	KB4VAK	443.450 +	T77.0
HINESVILLE	. . .	KF4UM	444.850 +	PROP
HOG MTN	. . . .	WB0QGH	444.400 +	T82.5
IRWINTON	. . . .	WB4NFG	444.925 +	T77.0
IVEY	. . . . .	K4YC	444.650 +	T
JASPER	. . . .	W4UWH	443.625 +	T100.0
JASPER	. . . .	KB4IZF	444.375 +	T103.5
JONESBORO	. . .	N4QCP	443.225 +	
JULIETTE	. . . .	WB4JWM	444.425 +	T156.7
KENNESAW	. . .	WA0HQQ	443.075 +	T
KNOXVILLE	. . . .	N4PQR	443.525 +	PROP
LAKEMONT	. . . .	N4ZRF	444.750 +	T
LAVONIA	. . . .	K4NVG	442.475 +	T203.5
LAWRENCEVILLE	. .	WB0QGH	442.850 +	T82.5
LAWRENCEVILLE	. .	WB4QDX	444.000 +	T100.0
LAWRENCEVILLE	. .	WA4NMF	444.025 +	T127.3
LOOKOUT MTN	. . .	KS4QA	442.650 +	T146.2
MABLETON	. . . .	W4JLG	442.325 +	T
MACON	. . . .	K4DDH	442.275 +	T100.0
MACON	. . . .	N4IWK	442.875 +	T
MACON	. . . .	KC4ZIZ	443.075 +	T156.7
MACON	. . . .	W4BKM	444.100 +	
MARIETTA	. . . .	N1KDO	442.050 +	T107.2
MARIETTA	. . . .	KE4QFG	442.375 +	T
MARIETTA	. . . .	WA4OKJ	442.600 +	T100.0
MARIETTA	. . . .	N4MTA	443.500 +	
MARIETTA	. . . .	KF4BMG	443.750 +	T79.7
MARIETTA/ATL	. . .	KE4QFG	442.725 +	T
MILLEDGEVILLE	. . .	WB4DOJ	444.700 +	T156.7
MONROE	. . . .	KD4WOU	443.825 +	T123.0
MONROE	. . . .	KQ4XL	443.925 +	T123.0
MT. VERNON	. . .	KE4PMP	442.500 +	PROP
NEWNAN	. . . .	KE4PVE	444.350 +	PROP
#NORTH ATLANTA	.	KR4KS	442.250 +	UNCOR
PEACHTREE CITY	.	N4YTR	444.675 +	
PENDERGRASS	. .	KE4PVE	444.125 +	PROP
PERRY	. . . . .	WR4MG	444.950 +	
QUITMAN	. . . .	WA4NKL	444.600 +	T127.3
RINGGOLD	. . . .	W4BAB	443.925 +	
ROME	. . . .	W4VO	443.675 +	PROP
ROSWELL	. . . .	W8BLA	442.075 +	T
#ROSWELL	. . . .	WA4YNZ	442.975 +	UNCOR
ROSWELL/BELL	. .	N4SE	442.150 +	T100.0
ROSWELL/BELL	. .	W4PME	443.150 +	100.0
SAVANNAH	. . . .	K4NLX	421.250 +	
SAVANNAH	. . . .	WA4VHP	427.250 +	T
SAVANNAH	. . . .	K4NLX	442.700 +	
SAVANNAH	. . . .	WD4AFY	444.000 +	
SNELLVILLE	. . . .	NE1H	442.450 +	T
SNELLVILLE	. . . .	NE1H	443.050 +	T
SNELLVILLE	. . . .	W4GR	444.525 +	82.5
ST SIMONS ISLAND	.	N4XGI	442.950 +	T131.8
STOCKBRIDGE	. .	N4JMD	443.325 +	T
SWEAT MT/MARIETT	.	N4CLA	444.475 +	
TRENTON	. . . .	KS4QA	442.475 +	67.0
VALDOSTA	. . . .	KB0Y	444.350 +	T141.3
VALDOSTA	. . . .	KF4BJM	444.700 +	T141.3
WALESKA	. . . .	N4GIS	443.175 +	
#WALESKA	. . . .	KE4PN	443.850 +	UNCOR
WARM SPRINGS	. . .	N4UER	442.400 +	
WARNER ROBINS	. .	WR4MG	442.900 +	
WARNER ROBINS	. .	WB4BDP	444.225 +	
WATKINSVILLE	. . .	KD4AOZ	444.725 +	T
WAYCROSS	. . .	AE4PO	444.025 +	PROP

SYMBOLS: © = Full Member SERA T = Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

WOODSTOCK	. .	KE4SJO	444.225 +	

920 MHZ

#SAVANNAH	. . .	WA4VHP	923.000 -	UNCOR

1270 MHZ

ATL/MARIETTA	. . .	N4NEQ	427.250 +	
ATLANTA/BELL	. . .	KB4KIN	1292.000-	©
DALTON ATV	. . .	N4BZJ	421.250 +	©

KENTUCKY

10 METERS

LOUISVILLE	. . . .	KK4CZ	29.640 -	

6 METERS

#ASHLAND	. . . .	KC4QK	53.010 -	UNCOR ©
HIGHLAND HEIGHTS	.	AD4CC	53.330 -	©
HIGHLAND HEIGHTS	.	W4YWH	53.750 -	PROP ©
LAWRENCEBURG	. .	N4EQT	53.130 -	T107.2 ©
LEXINGTON	. . .	KE4LGL	53.570 -	
LOUISVILLE	. . . .	KF4UAQ	53.290 -	©
LOUISVILLE	. . . .	WA4DBY	53.430 -	T151.4
MONTICELLO	. . .	N4TPL	53.070 -	T100.0
NANCY	. . . . .	KA4UHL	53.270 -	T100.0 ©
#STANTON	. . .	WD4KNE	53.810 -	UNCOR ©
WAYNESBURG	. .	KE4RKF	53.390 -	T100.0 ©

2 METERS

ALLEN	. . . . .	K4ICN	147.300 +	T123.0 ©
ASHLAND	. . . .	KA4OIL	146.940 -	
ASHLAND	. . . .	KC4QK	147.240 +	T107.2 ©
ASHLAND	. . . .	WA8KWH	147.330 +	
BARBOURVILLE	. .	KE4INT	147.390 +	PROP
BARDSTWN/NELSN	.	WB4GGH	145.470 -	©
BEREA	. . . . .	KI4B	146.715 -	©
BLACK MOUNTAIN	.	KB4DFK	147.210 +	T103.5 ©
BOWLING GREEN	.	K4LOL	147.060 +	156.7
BOWLING GREEN	.	W4WSM	147.165 +	©
BOWLING GREEN	.	KA4CFW	147.330 +	©
BOWLING GREEN-S	.	W4WSM	146.655 -	©
BROOKS	. . . .	KY4KY	146.700 -	151.4
CANE VALLEY	. . .	WA4UXJ	146.640 -	©
#CENTRAL CITY	. .	WF4N	145.390 -	UNCOR ©
CORBIN	. . . . .	WD4KWV	146.610 -	©
#COVINGTON	. . .	WR8CRA	145.410 -	UNCOR ©
COVINGTON	. . .	WR8CRA	147.390 +	©
CRESTWOOD	. . .	KF4TOL	147.390 +	T151.4 ©
DANVILLE	. . . .	WD4DZC	146.655 -	©
DAVID	. . . . .	KC4KZT	145.310 -	T ©
DAWSON SPRINGS	.	KF4CWK	147.090 +	T103.5 ©
#DIXON	. . . . .	N4IOX	147.255 +	UNCOR
DORTON	. . . .	KC4KZT	146.895 +	T141.3 ©
ELIZABETHTOWN	.	W4BEJ	146.980 -	©
FARMINGTON	. .	W4GZ	147.240 +	©
FLEMINGSBURG	. .	KF4BRO	146.955 -	T107.2 ©
FLORENCE	. . .	K4JBV	146.895 -	100.0 ©
FRANKFORT	. . .	N4EQT	147.105 +	T107.2 ©
FRANKFORT	. . .	KC4AI	147.240 +	T100.0
FRANKLIN	. . .	KE4SZK	147.135 +	PROP
GLASGOW	. . . .	KY4X	146.940 -	114.8 ©
GRAYSON	. . . .	KF4JO	146.700 -	
GRETHEL	. . . .	KJ4VF	147.045 +	©
GUTHRIE	. . . .	KA4NNE	146.805 -	
HALLS GAP	. . . .	W8PRH	145.170 -	©
#HAWESVILLE	. . .	K9ZK	147.105 +	UNCOR
HAZARD	. . . . .	KF4SJO	146.670 -	
HAZARD	. . . .	W8PRH	146.805 -	©
HENDERSON	. . .	W4KVK	145.490 -	
#HENDERSON	. . .	K4DPP	146.970 -	UNCOR
HENDERSON	. .	K4LRX	147.180 +	T141.3 ©
HIGHLAND HEIGHTS	.	W4YWH	146.790 -	©
HIGHLAND HEIGHTS	.	K4CO	147.255 +	T123.0 ©
#HODGENVILLE	. .	KC4TX	147.315 +	UNCOR ©
HOPKINSVILLE	. .	KF4FO	146.710 -	
HOPKINSVILLE	. . .	KD4ULE	147.030 +	T103.5 ©
HUEYSVILLE	. . .	KF4ZTB	145.470 -	PROP
HYDEN	. . . . .	KF4TLT	147.240 +	186.2
IRVINE	. . . . .	W4CMR	146.820 -	192.8 ©
IRVINE	. . . . .	AD4RU	147.015 +	
#IRVINE	. . . . .	W4CMR	147.225 +	UNCOR ©
IRVINGTON	. . .	WB4WVH	146.900 -	©
JACKSON	. . . .	WA4MXO	145.410 -	©
LAWRENCEBURG	. .	N4EQT	145.390 -	T107.2 ©
LEESBURG	. . .	KC4UPE	145.110 -	T192.8 ©
LEXINGTN/GRGTWN	.	W8PRH	145.210 -	©
LEXINGTON	. . .	AD4YJ	145.250 -	110.9
LEXINGTON	. . .	KC4TX	145.450 -	
LEXINGTC	. . .	WB4CWF	145.490 -	
LEXINGTON	. . .	KE4ISR	146.685 -	
LEXINGTON	. . .	AC4AO	146.730 -	©
LEXINGTON	. . .	K4KJQ	146.760 -	©
LEXINGTON	. . .	WA4HBM	147.165 +	©
LEXINGTON	. . .	KJ4VF	147.195 +	©
LONDON	. . . .	KE4ZJT	147.180 +	151.4
LONDON	. . . .	KC4ZFH	147.285 +	T
LOUISA	. . . . .	N8QCW	147.390 +	T186.2 ©
LOUISVILLE	. . .	W8PRH	145.230 -	©
LOUISVILLE	. . .	AC2DC	145.290 -	T151.4
LOUISVILLE	. . .	W4PF	146.880 -	©
LOUISVILLE	. . .	W4PJZ	147.030 +	151.4 ©
LOUISVILLE	. . .	N4NMC	147.070 +	T151.4 ©
#LOUISVILLE	. . .	KA4MKT	147.120 +	UNCOR
#LOUISVILLE	. . .	KA9KOP	147.150 +	UNCOR ©
LOUISVILLE	. . . .	W4CN	147.180 +	©

ENTUCKY REPEATERS CONTINUE

UISVILLE	WB4EJK	147.270 +	151.4	
UISVILLE	KQ9Z	147.360 +		
UISVILLE AREA	N4RBL	145.130 -	T151.4	
NN GROVE	KA4BLZ	146.895 -	T210.7	
DISONVILLE	KC4FRA	146.610 -		
YSVILLE	WA4WMM	145.470 -		
DLESBORO	W4PPM	146.775 -		
LARD	KD4RTR	146.745 -	T141.3	
NTICELLO	WB9SHH	145.150 -		
NTICELLO	N4TPL	147.375 +	T100.0	
REHEAD	KJ4VF	145.130 -		
REHEAD	K4GFY	146.910 -	T123.0	
T. STERLING	WD4KNE	147.330 +	UNCOR	
RRAY	K4MSU	146.940 -		
NCY	KA4UHL	146.790 -	T100.0	
/ENSBORO	KE4RNM	146.685 -	110.9	
/INGSVILLE	N4TLP	147.075 +		
OUCAH	K4CUW	146.655 -	T	
OUCAH	K4CUW	146.760 -		
OUCAH	W4NJA	147.060 +		
NTSVILLE	N4KJU	145.270 -	T	
RIS	KE4OOS	147.045 +	PROP	
ELPS	KJ4YK	147.090 +		
EVILLE	AD4BI	145.150 -	107.2	
EVILLE	KM4IV	146.850 -		
NEVILLE	WA4YZY	146.640 -	UNCOR	
ESTONSBURG	WB4UBY	147.165 +		
OCLIFF	AI4HB	145.350 -	173.8	
OCLIFF	W4BEJ	146.925 -		
HMOND	KE4YVD	145.370 -	T192.8	
HMOND	KG4AEU	146.865 -		
CKPORT	KD4BOH	145.270 -		
EM	KC4VXR	147.315 +		
VISA	KC4ZOX	146.835 -	T192.8	
YERSVILLE	KB4SQI	145.190 -	T127.3	
ND GAP	AF4ME	147.060 +	PROP	
ELBYVILLE	KE4LR	147.000 +		
PORTSMOUTH	WD8IFH	145.390 -	T	
MERSET	KA4UHL	146.880 -		
RINGFIELD	WA4SJH	147.300 +		
CHARLES	KE4AIE	147.270 +		
NTON	N4VOS	145.290 -		
NTON	W8PRH	146.970 -		
NETT	KF4TLT	147.345 +	PROP	
MPKINSVILLE	KJ4OQG	146.775 -		
ICEBURG	AE4SK	146.775 -		
SAILLES	KF4INN	145.330 -		
DY	KS4TO	146.910 -	T107.2	
TON	K4CO	147.375 +		
3STER	K4ULW	146.625 -	T151.4	
LIAMSBURG	KD4DAX	145.350 -		
LIAMSBURG	KG4M	147.000 +		
CHESTER	WB4ASZ	147.120 +		

20 MHZ

HLAND	KC4QK	223.940 -	UNCOR	
NE	AD4RU	224.940 -		
CASTER	KD4RXF	224.560 -		
INGTON	AC4AO	224.420 -		
INGTON	KR4BD	224.800 -		
ISVILLE	KA4MKT	224.300 -		
DLESBORO	WM4MD	224.120 -	T82.5	
CY	KA4UHL	224.100 -	T100.0	
EVILLE	KD4DAR	224.620 -		
PHERDSVILLE	N4FND	224.500 -	PROP	
ERSET	N4AI	224.300 -		
ERSET	N4AI	224.880 -		
SAILLES	AD4CR	224.220 -		

40 MHZ

EN	N4IWZ	444.775 +	T123.0	
LAND	KC4QK	444.975 +	107.2	
DAD	WB4PQJ	443.850 +	PROP	
DSTOWN	KT4GB	443.000 +	PROP	
TTYVILLE	KC4UPE	444.825 +	T192.8	
/LING GREEN	W4HTB	426.250 +		
/LING GREEN	W4HTB	1280.000-		
/LING GREEN	W4WSM	444.100 +		
/LING GREEN	N5KOL	444.700 +	T136.5	
E VALLEY	KC4TX	443.950 +	T	
BIN	WB4IVB	444.900 +	T100.0	
'S CREEK	AE4NU	443.450 +	T151.4	
D	KD4KZT	443.900 +	T167.9	
SON SPRINGS	KU4MJ	444.275 +		
NE	N4LGT	444.425 +		
TON	KD4RTR	442.150 +		
TON	KJ4VF	443.250 +		
ABETHTOWN	W4BEJ	421.250 +		
ABETHTOWN	W4BEJ	444.800 +		
RENCE	KC4COV	443.175 +		
RENCE	KC4COV	443.475 +	T192.8	
RENCE	KC4COV	444.175 +	T192.8	
T WRIGHT	KY4JD	442.525 +	T123.0	
TER	KU4ML	443.125 +		
NKFORT	K4NGQ	442.175 +	T67.0	
NKLIN	KD4TAH	443.225 +		
ERTSVILLE	W2HR	442.850 +	T103.5	
SGOW	KY4X	444.925 +		
EFENBURG	N4HZX	443.550 +		
THEL	KJ4VF	444.525 +		
ARD	KE4BHZ	443.975 +	T103.5	
DERSON	KY4K	444.725 +	T203.5	
HLAND HEIGHTS	W4YWH	444.900 +		
'KINSVILLE	KE4AIF	444.750 +	T103.5	
EPENDENCE	K4JBV	442.325 +	100	
INDEPENDENCE	KB8SBN	444.075 +	T110.9	
IRVINE	W4CMR	442.900 +		
IRVINE	AD4RU	444.000 +		
LATONIA	AA4XV	442.400 +	T	
LAWRENCEBURG	N4EQT	443.325 +	T107.2	
LEWISPORT	K4DC	444.550 +		
#LEXINGTON	KY4ATV	923.250 -	UNCOR	
LEXINGTON	KD4ADJ	442.050 +		
LEXINGTON	KE4OOL	443.025 +	T123.0	
LEXINGTON	KC4ZY	444.125 +		
LEXINGTON	KC4DUU	444.550 +		
LEXINGTON	KE4ISR	444.725 +	T	
LEXINGTON	N4DUE	444.950 +		
LOUISVILLE	WD4ELX	442.550 +		
LOUISVILLE	KB4YJ	442.725 +	151.4	
LOUISVILLE	WD9EQC	443.500 +		
LOUISVILLE	N4UL	444.100 +	173.8	
#LOUISVILLE	WB4ZZD	444.300 +	UNCOR	
LOUISVILLE	N4NMC	444.600 +	T151.4	
LOUISVILLE AREA	N4RBL	442.100 +	T	
LOUISVILLE AREA	KD4CLR	442.450 +	T151.4	
LOUISVILLE SW	K4ULW	443.350 +		
MADISONVILLE	KC4FIE	442.425 +		
MADISONVILLE	AE4LW	442.575 +	T100.0	
MADISONVILLE	KC4FIE	442.775 +		
MADISONVILLE	KC4FIE	444.600 +		
MAMMOTH CAVE	KF4QZN	444.475 +	T179.9	
MAYSVILLE	KF4BRO	443.500 +	T123.0	
META	WB4UBY	443.500 +		
MIDDLESBORO	WM4MD	442.325 +	T67.0	
MIDDLESBORO	WB4IVB	444.150 +	T100.0	
MILLARD	KD4RTR	443.425 +		
MONTICELLO	WB9SHH	444.750 +		
MOREHEAD	K4GFY	442.500 +		
MT STERLING	KD4ADJ	442.600 +		
MURRAY	K4MSU	443.800 +	T114.8	
NANCY	KA4UHL	443.600 +	T100.0	
NICHOLASVILLE	KC4UPE	444.775 +	T167.9	
NICHOLASVILLE	WB4CWF	444.975 +		
OLIVE HILL	KO4LI	444.925 +		
OWENSBORO	KE4RNM	443.100 +		
OWENSBORO	KE4RNM	443.650 +	203.5	
PHELPS	N4MVY	444.575 +		
PIKEVILLE	KD4DAR	444.375 +		
PIKEVILLE	AD4BI	444.475 +		
ROBINSON CREEK	KC4VYX	444.675 +		
ROCKPORT	KD4BOH	442.675 +		
ROCKPORT	KD4BOH	444.075 +	T77.0	
SALEM	KC4VXR	444.825 +	T100.0	
SALVISA	KF4AWA	444.675 +	T203.5	
SALVISA	KC4UPE	444.875 +	T167.9	
SALYERSVILLE	KE4NLL	444.050 +	T127.3	
SHELBYVILLE	KE4YRE	442.375 +		
#SHEPHERDSVILLE	KD4YGK	444.400 +	UNCOR	
SIMPSONVILLE	KO4OT	444.450 +	T100.0	
SPRINGFIELD	WA4SJH	444.600 +		
STANTON	N4VOS	442.075 +		
VERSAILLES	KF4INN	443.775 +		
WADDY	KS4TO	443.225 +		
WALTON	K4CO	444.350 +		

MISSISSIPPI

6 METERS

BYHALIA	N4DRL	53.270 -	T	
ELLISVILLE	N5EKR	53.010 -	T	
LAUREL	KC5PIA	53.450 -		
MENDENHALL	K5HYE	53.050 -	PROP	
NETTLETON	AB5MU	53.050 -	PROP	

2 METERS

ABERDEEN	WB5USN	147.270 +		
ACKERMAN	NO5N	147.120 +		
AMORY	KB5DSN	147.090 +		
BAY ST. LOUIS	WB4FUR	146.700 -		
BILOXI	KC5IF	146.730 -		
BOONEVILLE	K5YD	145.190 -		
BOONEVILLE	KI5WI	147.150 +		
BUDE	K5JMD	146.850 -	T103.5	
BYHALIA	N4DRL	145.330 -		
BYHALIA	N4DRL	147.225 +		
COLLINS	N5LRQ	146.985 -	T136.5	
COLUMBUS	KC5ULN	146.625 -		
COLUMBUS	KC5ULN	147.000 +		
CORINTH	WB5VOJ	146.925 -	T107.2	
CORINTH	K5UFH	147.000 -		
CORINTH	KB5TGA	147.285 +		
D'IBERVILLE	KC5IF	145.410 -		
ELLISVILLE	N5EKR	146.955 -	T	
ELLISVILLE	N5DWU	146.835 +	T	
ELLISVILLE	N5DWU	146.865 +	T136.5	
ELLISVILLE	N5DWU	146.895 +	T136.5	
FOREST	KC5QHP	147.390 +	T100.0	
FULTON	WX5P	145.450 -	PROP	
GLOSTER	KA5BEE	145.430 -	T136.5	
GREENVILLE	KG5SF	147.345 +		
GRENADA	W5LV	146.700 -		
GULFPORT	KA5VFU	147.375 +		
HATTIESBURG	W5CJR	145.190 -	T136.5	
HATTIESBURG	K5IJX	145.370 -	136.5	
HATTIESBURG	W5CJR	146.775 -	T136.5	
HATTIESBURG	W5CJR	147.360 +		
HERNANDO	K5VV	146.910 -		
ISOLA	KC5OB	146.955 -		
JACKSON	W5AXQ	146.760 -		
JACKSON	K5QNE	146.880 -	T100.0	
JACKSON	KA5SBK	146.940 -	100.0	
JACKSON	W5IQ	147.000 +	T	
JACKSON	NC5Y	147.075 +	T	
LAUREL	KC5QZW	146.610 -		
LAUREL	WV5D	147.030 -	T	
LAUREL	KC5RC	147.255 +		
MADISON	K5XU	146.640 -		
MAGEE	K5HYE	146.820 -	100.0	
MAGEE	KA5LNY	147.300 +		
MCCOMB	K5JMD	146.940 -	T	
MENDENHALL	K5HYE	145.110 -	T100.0	
MENDENHALL	KB5IKR	145.210 -	T100.0	
MERIDIAN	N5DWU	145.410 -	T136.5	
MERIDIAN	KC5ZZH	146.655 -		
MERIDIAN	W5FQ	146.700 -		
MERIDIAN	KI5FW	146.970 -	PROP	
MONTICELLO	N5JHK	147.015 +		
MOOREVILLE	WB5NAY	146.640 -		
NATCHEZ	W5KHB	146.685 -		
NATCHEZ	K5OCM	146.910 -		
NATCHEZ	K5SVC	147.360 +		
#NEW ALBANY	KC5VZI	145.230 -	UNCOR	
NEW ALBANY	K5DGL	146.670 -		
NEW HEBRON	N5MRS	147.090 +	T	
OCEAN SPRINGS	W5LDD	147.030 +		
OKOLONA	KC5NIX	145.110 -		
OLIVE BRANCH	KA5WMH	145.350 -		
OXFORD	KF4SCT	145.470 -	T107.2	
PASCAGOULA	W5WA	145.110 -	T123.0	
PASCAGOULA	N5PH	146.970 -	T	
PEARL/RANKIN CO	KF5IZ	147.150 +	T88.5	
PETAL	N5DWU	145.170 -	T136.5	
PHILADELPHIA	N5EPP	147.330 +		
PICAYUNE	K5LFP	145.150 -		
PICAYUNE	K5LFP	147.180 +		
POLKVILLE	KB5LCL	147.045 +	T141.3	
PURVIS	KB5ZCX	146.670 -		
RICHTON	N5DWU	145.490 -	T136.5	
RICHTON	N5OCF	147.060 +	T	
SENATOBIA	KB5DMT	146.985 -	T	
SHARON	N5ZQC	145.450 -	T100.0	
SOUTHAVEN	N5PYQ	145.370 -	T107.2	
STARKVILLE	W5VZF	146.730 -		
STARKVILLE	KF5C	146.805 -	192.8	
#SUMNER	WB5FXH	147.090 +	UNCOR	
SUMRALL	KA5FYW	147.195 +		
TUPELO	N5VGK	145.490 -		
TUPELO	N5ELS	147.240 +		
UNION	N5SPJ	147.210 +	T100.0	
UTICA	N5ZMZ	145.350 -		
UTICA	N5ZMZ	147.345 +		
VICKSBURG	WJ5L	145.290 -		
VICKSBURG	K5ZRO	147.270 +	T100.0	
VOSSBURG	N5DWU	146.925 -		
VOSSBURG	KB5UIX	147.135 +	136.5	
WALLS	N5NBG	145.270 -	T162.2	
WATER VALLEY	N5DXM	147.000 -		
WAYNESBORO	KB5SAR	147.105 +		
WAYNESBORO	N5DWU	147.315 +		
WEST POINT	KC5LIO	147.180 +		
WIGGINS	KB5DZJ	145.270 -	T136.5	
WINONA	N5EYM	146.970 -		

220 MHZ

BYHALIA	N4DRL	224.500 -		
VICKSBURG	WB5OWY	224.780 -		
WARSAW	N4DRL	224.880 -		
WAYNESBORO	KB5SAR	224.140 -		

440 MHZ

ABERDEEN	KD5AHI	444.450 +		
AMORY	KB5DSN	444.825 +		
BILOXI	W5OXA	443.925 +		
BYHALIA	N4DRL	444.300 +		
CLERMONT HARBR	WD5BJT	444.150 +		
CLINTON	KG5YV	444.000 +	T100.0	
ELLISVILLE	N5DWU	442.200 +	T167.9	
ELLISVILLE	N5DWU	442.250 +	T167.9	
ELLISVILLE	N5DWU	442.325 +	T	
GAUTIER	KA5NOJ	911.250 -		
GAUTIER	KA5NOJ	426.250 +		
GLOSTER	N5ZNS	443.825 +		
GREENVILLE	N5PS	444.675 +		
HATTIESBURG	W5CJR	443.700 +	T136.5	
HAZLEHURST	N5ZDF	443.950 +	T100.0	
HEIDELBERG	KC5RC	444.300 +	T100.0	
HICKORY FLAT	W4ZCD	444.[illegible]	T179.9	
JACKSON	KB5LCL	444.450 +	T141.3	
JACKSON	KB5CO	444.600 +	T100.0	
JACKSON	NC5Y	444.700 +		
JACKSON	KB5CO	444.800 +		
LAUREL	AJ0X	443.500 +		
MCCOMB	N5HTQ	444.875 +	T100.0	
MENDENHALL	K5HYE	443.600 +		
MERIDIAN	KB5BRZ	444.100 +	131.8	
MERIDIAN	KI5FW	444.500 +	PROP	
MONTICELLO	N5DWU	442.075 +	T	
NETTLETON	AB5MU	444.625 +	PROP	
NEW ALBANY	WB5YCR	444.150 +		
NEW HEBRON	N5NNI	444.525 +	T	
PEARL	KB5HAV	444.375 +	T88.5	
PETAL	W5PAW	443.350 +	T	
PHILADELPHIA	WB5YGI	444.950 +		
PICAYUNE	KE5LT	443.725 +	T179.9	

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INDEX LISTINGS - BY STATE - BY CITY . . . continued

MISSISSIPPI REPEATERS CONTINUE

PINOLA	KC5LXF	444.850	+		
PORT GIBSON	KC5CLM	444.575	+	T141.3	
RICHTON	N5OCF	444.625	+		
ROSE HILL	KB5ZCX	442.875	+	PROP	
SOUTHAVEN	N5PYQ	444.925	+	T107.2	
STARKVILLE	W5VZF	444.750	+		
STENNIS SPC CEN	WB4FUR	444.650	+		
TUPELO	N5VGK	444.950	+	T192.8	
VICKSBURG	WB5TTE	444.925	+		
VOSSBURG	N5LRQ	442.725	+	T167.9	
WALLS	N5NBG	444.650	+		
WAYNESBORO	KB5SAR	443.550	+		
WAYNESBORO	N5DWU	443.900	+	T167.9	
WEST POINT	N5WXD	443.450	+		
WIGGINS	KB5DZJ	443.300	+	167.9	

NORTH CAROLINA

10 METERS

NEWPORT	K4GRW	29.660	-	PROP	
ROCKY MOUNT	N4JEH	29.660	-		
THOMASVILLE	WW4DC	29.680	-	88.5	
WILKESBORO	KC4XE	29.620	-		
ZEBULON	WB4IUY	29.620	-		

6 METERS

BARIUM SPRINGS	WA4WRS	53.670	-	PROP	
CHAPEL HILL	W4UNC	53.450	-	T	
CLINTON	N4ZHC	53.330	-		
EFLAND	WA1YYN	53.410	-	T107.2	
FAYETTEVILLE	W4EBM	53.810	-		
GASTONIA/CRWDR	N4XTF	53.110	-		
#GRANDFATHER MT	WA4PXV	53.050	-	UNCOR	
HENDERSONVILLE	WA4FOT	53.130	-	T131.8	
KVILLE/HIPOINT	KE4QOX	53.590	-	PROP	
LUMBERTON	KD4BGD	53.110	-		
MARS HILL	WB4PLA	53.090	-		
MT MITCHELL	K4JWJ	53.630	-	T100.0	
MT.AIRY/FANCY GP	KD4FWS	53.070	-	T100.0	
MT.AIRY/FANCY GP	KD4FWS	53.970	-	PROP	
NEWPORT	K4GRW	53.010	-	PROP	
PITTSBORO	KD4JFN	53.230	-	T107.2	
RALEIGH	K4ITL	53.030	-		
RALEIGH	WA4PEN	53.250	-		
#RANLO	KC4YOZ	53.390	-	UNCOR	
REELSBORO	KF4IXW	53.090	-	T162.2	
ROCKY MOUNT	N4JEH	53.050	-		
ROCKY MOUNT	KC4SBJ	53.650	-	PROP	
SOPHIA/RANDLMN	WR4BEG	53.350	-		
THOMASVILLE	KE4QOX	53.010	-	T88.5	
THOMASVILLE	WW4DC	53.170	-	88.5	
THOMASVILLE	WW4DC	52.525	+	T88.5	
#WEST JEFFERSON	WA4PXV	53.750	-	UNCOR	
WILMINGTON	AD4DN	53.430	-	T88.5	
YOUNGSVILLE	KD4MYE	53.370	-	T	
ZEBULON	WB4IUY	53.070	-	88.5	

2 METERS

AHOSKIE	WA4ZGQ	146.910	-	T131.8	
ALBEMARLE	K4OGB	146.985	-		
ANDRWS/ROBNSVL	K4AIH	147.045	-	T151.4	
ANDSN MT/DENVER	K4CCR	145.170	-	88.5	
AQUADALE	WA4CHZ	147.390	+		
ASHEBORO	KJ4AV	147.255	+		
#ASHEVILLE	WB4PLA	146.835	-	UNCOR	
ASHVL/MT PISGAH	WA4BVW	146.760	-		
ASHVL/SPIVEY MT	W4MOE	146.910	-	91.5	
BAKERSVILLE	KC4WPM	145.310	-		
BANNER ELK/SUGARN	W4WET	146.625	-		
BEULAVILLE	N4VBH	145.230	-		
BOONE/RICH MTN	WA4J	147.360	+	T103.5	
BREVARD	K4HXZ	147.135	+		
BROADWAY	K4ITL	147.105	+		
BURGAW	W4DLH	146.940	-		
BURLINGTON	K4FHB	146.670	-		
BURNSVILLE	KD4WAR	146.955	-		
BURNSVILLE	KD4WAR	147.375	+		
BUTNER	WA4IZG	146.940	-	T156.7	
BUXTON	K4USB	146.625	-	131.8	
CANTON	W4DJB	146.805	+		
CARTHAGE	W2SE	147.240	+		
CHAPEL HILL	W4UNC	145.230	-	T131.8	
CHARLOTTE	W4BFB	145.230	-		
CHARLOTTE	W4BFB	145.290	-		
CHARLOTTE	WA4AOS	145.350	-		
CHARLOTTE	W4BFB	146.940	-		
CHARLOTTE	W4CQ	147.060	-		
CHARLOTTE	W4CQ	147.270	+		
CLAYTON	KO4XC	145.290	-	T	
CLAYTON	WB4IUY	147.390	+	T88.5	
CLINTON	K4OAR	146.790	-		
COINJOCK	WN3X	145.290	-	PROP	
COLUMBIA	KB4TOH	145.110	-	T131.8	
CONCORD/KANNAP.	K4CEB	146.655	-		
#COOL SPRINGS	KC4DBZ	147.045	+	UNCOR	
CROSSNORE	KD4GLB	146.700	-	167.9	
DUNN	N4CID	146.700	-		
DURHAM	WR4AGC	145.450	-		
DURHAM	WD4LDB	147.360	+		
EDEN/STONEVILLE	WA4QBG	147.390	+		
EFLAND	WA1YYN	147.180	+	T156.7	
ELIZABETH CITY	WA4VTX	146.655	-		
ELM CITY	K2IMO	145.150	-	T88.5	
FARMVILLE	K4ROK	145.270	-	T131.8	
FAYETTEVILLE	N4EWG	146.805	-		
FAYVLLE/CFARS	WB4YZF	146.910	-	100	
FAYVLLE/FT BRAGG	W4LPL	147.330	+		
FOREST CITY	WA4BKU	146.670	-		
FOREST CITY	W4SIJ	147.240	+	T123.0	
FRANKLIN	NT4K	145.490	-		
GASTONIA/CRWDR	K4GNC	146.805	-		
GIBSONVILLE	WB4IKY	145.490	-	T107.2	
GOLDSBORO	KK4YP	145.330	-	T100.0	
GOLDSBORO	K4CYP	146.850	-	T	
GRAHAM	K4GWH	147.375	+	T114.8	
GREENSBORO	W4GSO	145.150	-		
GREENSBORO	K4GWH	146.760	-	T88.5	
GREENSBORO	W4GG	147.030	+	T131.8	
GREENSBORO	W4BUZ	147.210	+		
GREENSBORO/LVLX	N4GGD	145.250	-	T88.5	
GREENVILLE	WD4JPQ	145.350	-	T131.8	
#GREENVILLE	KC4UMO	147.375	+	UNCOR	
GREENVL/ESTN NC	W4GDF	147.090	+		
GRIFTON	W4NBR	146.685	-	88.5	
HATTERAS ISLAND	KE4ZTD	145.150	-	T131.8	
HAW RIVER	KD4JFN	146.715	-	T107.2	
HENDERSONVILLE	WB4YAO	146.640	-		
HENDERSONVILLE	WA4KNI	147.105	+		
HENDSVL/BERWLW	WA4KNI	145.270	-		
HENDSVL/PENIC/MT	WA4KNI	147.255	+		
HICKORY/BRT. MT	WA4DSZ	146.850	-		
HIGH PEAK MTN	K4OLC	145.210	-	94.8	
#HIGH POINT	KB4BPV	145.290	-	UNCOR	
HIGH POINT	N4XO	145.410	-		
HIGH POINT	N4NNR	146.835	+		
HIGH POINT	W4UA	147.165	+		
HILLSBOROUGH	WR4AGC	147.225	+		
JACKSONVILLE	KA4SQN	145.190	-		
JACKSONVILLE	WD4FVO	147.000	-		
JEFFERSON	KK4X	147.300	+	T103.5	
KINSTON	W4OIX	145.470	-		
LAURINBURG	KI4RR	146.625	-		
#LENOIR	N4NIN	147.195	+	UNCOR	
LENOIR/HIBRITN	KN4K	147.330	+	T141.3	
LEXINGTON	WD4IIP	145.310	-	T88.5	
LEXINGTON	K4IZM	146.910	-		
LINCOLNTON	KF4OGO	147.015	+		
#LUMBERTON	W4NHV	145.150	-	UNCOR	
LUMBERTON	W4NHV	147.045	+		
LUMBERTON	KD4PBK	147.165	+	T88.5	
LUMBERTON	W4PET	147.360	+		
MACO	WA4LED	147.060	+		
MADISON	WA4IXW	147.345	+	T103.5	
MANTEO/WANCHES	W4ACY	146.940	-		
MARION	WD4PVE	146.985	-	118.8	
MIDWAY	KM4AR	145.270	-	T77.0	
MILLERS CREEK	N4GGN	146.715	-		
MONROE/UCARS	N4ZVN	145.390	-		
MORGANTON	KC4QPR	146.745	-	PROP	
MORGANTON	K4VLY	147.150	+		
MOUNT AIRY	N4VRD	145.330	-	T100.0	
MOUNT AIRY	AC4NZ	146.940	-	T100.0	
MOUNT AIRY	N4XRY	146.970	-		
MT MITCHELL	WA4BVW	145.190	-		
MURPHY/STALCUP	KB4YSX	146.865	+	T151.4	
N. WILKESBORO	N4AGN	145.370	-		
NAGS HEAD/BODIE	W4PCN	146.835	-		
NEW BERN	WD4JMS	146.610	-	T100.0	
NEWPORT	K4GRW	145.450	-		
NEWTON	K4CCR	147.075	+	T88.5	
OXFORD	N4NCK	145.170	-		
OXFORD	N4NCK	145.370	-		
PITTSBORO	KD4JFN	147.075	+	T107.2	
RAEFORD	KU4W	145.430	-	118.8	
RALEIGH	W4RNC	145.130	-	T88.5	
RALEIGH	K4GWH	145.190	-	T156.7	
RALEIGH	W4BWC	145.490	-	T88.5	
RALEIGH	WB4TOP	146.610	-	T131.8	
RALEIGH	W4DW	146.640	-	T88.5	
RALEIGH	W4BWC	146.730	-	T88.5	
RALEIGH	NC4SU	146.775	-	T88.5	
RALEIGH	WB4TQD	146.880	-		
RALEIGH	KD4MYE	147.015	+		
RALEIGH	WB4TQD	147.150	+		
RALEIGH	KO4CW	147.195	+	T88.5	
RALEIGH BENSON	AK4H	147.270	+	T100.0	
RED SPRINGS	W4MZP	147.300	+		
REIDSVILLE	KE4YVP	146.850	-	T103.5	
ROANOKE RAPIDS	K4ITL	145.390	-	PROP	
ROANOKE RAPIDS	KB4DJT	147.030	+		
ROARING GAP	WB4PZA	146.820	-		
ROBBINSVILLE	KR4RR	145.110	-	T151.4	
ROCKINGHAM	K4RNC	146.955	-		
ROCKY MOUNT	W4DCG	146.805	-	T118.8	
ROCKY MOUNT	WN4Z	147.120	+	131.8	
ROSEBORO	K4ITL	145.310	-		
SALISBURY	W4EXU	146.730	-	T94.8	
SAURATOWN MT	W4NC	145.470	-	T100	
SAURATOWN MT	KK4AT	146.790	-	T107.2	
SAURATOWN MT	K4MPJ	147.315	+	T100.0	
SHALLOTTE	K4PPD	145.370	-		
SHALLOTTE	K4PPD	147.315	+		
SHALLOTTE	K4PPD	147.390	+		
SHELBY	W4NYR	146.880	-		
SHELBY	W4NYR	147.345	+		
SMITHFIELD	K4WGG	146.970	-		
SOUTHPORT	K4JYH	146.775	-		
SPARTA/GREEN MT	K4QFQ	145.430	-		
STATESVILLE	KE4WSX	146.685	-		
SWANSBORO	KO4S	146.760	-		
SYLVA	KF4DTL	147.345	+	151.4	
THOMASVILLE	WW4DC	147.000	+	T88.5	
TRENTON	WB4TQD	145.210	-		
TRYON	KF4JVI	145.330	-		
WADESBORO	W4USH	146.835	-		
WASHINGTON	WA4TEP	147.345	+		
WAXHAW	WA4ZRS	146.865	+	T94.8	
WAYNESVILLE	N4SM	147.270	+		
WAYNESVILLE	KE4JMH	147.390	+		
WHITEVILLE	W4NTQ	147.210	+		
WILLIAMSTON	K4SER	145.410	-	T131.8	
WILMINGTON	AD4DN	146.670	-	T88.5	
WILMINGTON	W4VNK	146.730	-		
WILMINGTON	K4GMP	146.820	-	T88.5	
WILMINGTON	WA4US	147.135	+	T67.0	
WILMINGTON	AC4RC	147.180	+	T88.5	
WILSON	WB4THL	146.760	-		
WILSON	WA4UQC	147.300	+	T88.5	
WINSTON-SALEM	W4NC	146.640	-	T100	
YADKINVILLE	N4YSB	147.015	-		
YOUNGSVILLE	KD4MYE	145.110	-	88.5	

220 MHZ

ANDRWS/ROBINSVL	K4AIH	224.880	-	T
ASHEVILLE	WB4PLA	224.600	-	
ASHVL/MT PISGAH	WA4BVW	224.260	-	
BARIUM SPRINGS	WA4WRS	224.300	-	
BIG KNB/MARS HIL	KE4RQL	224.660	-	
BURNSVILLE	KD4WAR	224.740	-	PROP
CANTON	N4DWU	224.820	-	
CHARLOTTE	W4BFB	224.400	-	
CHERRYVILLE	KC4ZTJ	224.960	-	
CLEMMONS	WB9SZL	224.700	-	T100.0
DUNCAN	KM4TC	224.700	-	T88.5
EDEN	WA4WGY	224.780	-	T103.5
EFLAND	WA1YYN	224.660	-	T107.2
FAYETTEVILLE	WB4YZF	224.560	-	
GASTONIA	KC4IRA	224.620	-	T127.3
GOLDSBORO	W3CH	224.960	-	T156.7
GREENSBORO	WB4GUG	224.440	-	T107.2
GREENSBORO	N4QVI	224.960	-	
GRIFTON	WA4DAN	224.840	-	
#GRIMESLAND	WB4PAC	224.360	-	UNCOR
HAW RIVER	KD4JFN	224.620	-	T107.2
HENDSVL/BERWLW	WA4KNI	224.240	-	
HIGH POINT	KC4KUL	224.600	-	
HILLSBOROUGH	WR4AGC	224.260	-	
JACKSONVILLE	KA4SQN	224.320	-	
KVILLE/HIPOINT	KE4QOX	224.240	-	PROP
KVILLE/HIPOINT	KD4LHP	224.820	-	T107.2
LENOIR/HIBRITN	KN4K	224.160	-	
LEXINGTON	KR4HJ	224.520	-	PROP
LOCUST	W4DEX	224.480	-	
MARSHALL	KA4TYO	224.360	-	T
MT MITCHELL	WA4BVW	224.540	-	
OXFORD	N4NCK	224.740	-	
PLYMOUTH	KB7BTU	224.760	-	PROP
RALEIGH	WA4PEN	224.640	-	
ROCKY MOUNT	NF4C	224.220	-	
ROCKY MOUNT	KR4AA	224.580	-	
SALISBURY	W4EXU	224.760	-	
SHELBY	W4NYR	224.060	-	
SHELBY	KC4ZTJ	224.460	-	
SOPHIA/RANDLMN	WR4BEG	224.140	-	T
SUNSET BEACH	N4LV	224.660	-	
THOMASVILLE	WW4DC	224.340	-	T88.5
TRENTON	WA4DAN	224.720	-	
WILMINGTON	WA4US	224.200	-	T
WILMINGTON	K4YNY	224.500	-	T88.5
#WINSTON-SALEM	WA4RQF	224.580	-	UNCOR
WINSTON-SALEM	WA4RQF	224.640	-	
ZEBULON	KD4WJD	224.800	-	T88.5

440 MHZ

ANDRSN MT/DENVER	K4CCR	444.075	+	
ANDRWS/ROBINSVL	WD4NWV	442.600	+	T151.4
ANDRWS/ROBINSVL	K4AIH	443.650	+	T
ARCHDALE	KC4SVQ	443.300	+	
ASHEBORO	WD4ICX	442.325	+	
ASHEBORO	KD4JYV	444.300	+	PROP
ASHEBORO	KQ4ML	444.975	+	
ASHEVILLE	N4DWT	444.900	+	
AUBURN	N4ZCM	442.275	+	
BAKERSVILLE	KM4GR	442.750	+	
BREVARD	KA7JXU	442.850	+	
BURLINGTON	WB4IKY	443.025	+	T107.2
BURNSVILLE	KD4WAR	443.650	+	
CANTON	KE4UIU	443.475	+	T156.7
CARY	K4ZAD	441.900	+	PROP
CARY	K4JDR	444.775	+	T100.0
CASTLE HAYNE	KE4JSZ	442.075	+	T88.5
CHAPEL HILL	W4UNC	442.150	+	T
CHAPEL HILL	W4UNC	443.475	+	T131.8
CHARLOTTE	W4PPN	421.250	+	
CHARLOTTE	W4CQ	444.450	+	
CHARLOTTE	W4BFB	444.600	+	T100.0
CHARLOTTE	W4WBT	444.675	+	
CHARLOTTE	W4CQ	444.850	+	
CLAREMONT	WB4SRV	443.775	+	PROP
CLINTON	N4ZHC	441.700	+	T131.8
COLFAX	KS4SB	442.200	+	PROP
COLUMBIA	KB4TOH	443.300	+	
CRAB CREEK TWP	KB4PQA	443.125	+	
DALLAS/CHARLOTTE	WA1WXL	444.950	+	T136.5
DALLAS/CLT	KC4YOZ	443.850	+	T100.0
DURHAM	WR4AGC	444.100	+	
DURHAM	KB4WGA	444.925	+	PROP
DURHAM TV HILL	KJ4SO	421.250	+	

INDEX LISTINGS - BY STATE - BY CITY . . . continued

N. CAROLINA REPEATERS CONTINUE

EFLAND	WA1YYN	442.050 + T107.2	
ELIZABETH CITY	WA4VTX	444.300 + T131.8	
FAYETTEVILLE	WB4YZF	444.400 + 100Hz	
FOREST CITY	KC4YOQ	444.400 +	
FRANKLIN	KE4JMH	444.375 + T131.8	
G'BORO/H'POINT	WD4PQZ	443.500 + T77.0	
GASTONIA/CRWDR	KC4ZTI	443.750 +	
GASTONIA/CRWDR	KE4GTM	444.150 +	
GASTONIA/CRWDR	KC4YOT	444.750 +	
GIBSONVILLE	WB4IKY	444.350 + T107.2	
GOLDSBORO	W3CH	443.050 + T156.7	
GRAHAM	K4GWH	443.725 + T156.7	
GRAINGERS	WD6GMO	443.250 +	
#GRANDFATHER MT	WA4PXV	443.575 + UNCOR	
GRANTSBORO	KR4LO	444.350 +	
GREENSBORO	KO4AT	421.250 +	
GREENSBORO	WG4R	442.725 +	
GREENSBORO	W4GSO	442.875 + PROP	
GREENSBORO	KD4DNY	443.650 +	
GREENSBORO	K4GWH	444.225 + T146.2	
GREENSBORO	KD4DNY	444.475 + 107.2	
GREENVILLE	WB4PMQ	444.800 + T131.8	
#HAMLET	W4DEX	443.200 + UNCOR	
HATTERAS ISLAND	KE4ZTD	444.925 + T131.8	
HAW RIVER	KD4JFN	443.775 + T107.2	
HENDERSON	KB4WGA	444.375 + PROP	
HENDERSONVILLE	WA4TOG	442.450 +	
HENDSVL/BERWLW	WA4KNI	444.250 +	
HICKORY	K4JEQ	444.000 +	
HIGH POINT	W4UA	443.900 +	
HIGH POINT	KD4JFN	444.025 + T107.2	
HILLSBOROUGH	WR4AGC	444.450 + PROP	
#JACKSONVILLE	KE4JDP	444.675 + UNCOR	
#KING/SAURATOWN	KE4QEA	444.200 + UNCOR	
KINSTON	N4HAJ	444.575 + T88.5	
KVILLE/H POINT	KE4QOX	443.700 + T103.5	
KVILLE/HIPOINT	KF4IXK	443.325 + PROP	
LAKE GASTON	KF5TU	442.350 + T100.HZ	
LEICESTER/AVL	KF4TLA	443.275 + 103.5	
LENOIR/CAJAH MTN	N4EUX	443.525 +	
LEXINGTON	N4TZD	442.425 + T	
LEXINGTON	K4AE	442.925 + T	
LEXINGTON	W4DICX	444.500 +	
LILLINGTON	W4FBC	444.175 + PROP	
LINCOLNTON	WA4YGD	442.350 +	
LOCUST	WA4LBT	443.700 +	
LUMBERTON	WB4DVN	444.625 +	
LUMBERTON	KD4BGD	444.700 + T114.8	
MAYODAN	WA4WGY	443.975 +	
MCLEANSVILLE	WB4GUG	444.125 + T	
MIDDLESEX	NE4J	444.650 + T179.9	
MONROE	N4ZVN	444.425 + T94.8	
MORG. WALKER TOP	KC4QPR	442.300 +	
MORGANTON	KC4QZL	443.800 + T	
MOUNT AIRY	N4XRY	444.925 +	
MT AIRY/FSH PK	KF4UY	444.825 + T100.0	
MT MITCHELL	N4DWU	443.600 +	
NEW BERN	WD4JMS	444.900 + T100.0	
#NEWPORT CCARS	W4YMI	444.975 + UNCOR	
NEWTON	KE4KIV	442.625 +	
OLD FORT	KR4EX	444.775 +	
OXFORD	KC4WXA	444.600 +	
PIKEVILLE	KK4YP	443.000 + PROP	
PINEY KNOB	KC4KPW	443.875 + T103.5	
PITTSBORO	K1BUD	442.550 + T	
PITTSBORO	KD4JFN	444.750 + T107.2	
POLKVILLE	KC4ZTJ	444.975 +	
RALEIGH	N4LMR	442.450 +	
RALEIGH	KD4RAA	442.675 + 100.0	
RALEIGH	WA4NNA	443.125 +	
RALEIGH	N4ZCM	443.225 + T	
RALEIGH	W1IFL	443.375 + T	
RALEIGH	WA4PEN	444.525 + T88.5	
RALEIGH	K4GWH	444.825 + T146.2	
RALEIGH	KD4RAA	444.875 + T162.2	
RALEIGH	W4DW	444.950 +	
REIDSVILLE	K4YEC	444.800 + T107.2	
RES. TRIANGLE PK	WA1YYN	443.425 + T156.7	
RESEARCH TRI PK	KD4IHW	444.675 +	
ROANOKE RAPIDS	KK4VM	444.550 + T192.8	
ROARING GAP	KC4XE	443.550 +	
ROCKY MOUNT	N4JEH	444.700 +	
ROUGEMNT/RED MT	WA4WTX	443.275 + 100.0	
RTP	W4EUS	443.625 +	
SALISBURY	W4HG	443.150 +	
#SALISBURY	N4MME	444.650 + UNCOR	
SANFORD	W4RNR	442.375 +	
SAURATOWN MT	WW4DC	443.100 + T88.5	
SAURATOWN MT	WB4GUG	443.400 + T107.2	
SELMA	KK4YP	444.000 +	
SEVEN SPRINGS	K4JDR	444.150 + T100.0	
#SHELBY	W4NYR	427.250 + UNCOR	
SOPHIA/RANDLEMN	WR4BEG	443.075 +	
SOUTHERN PINES	KD4QMS	444.800 + T118.8	
SPINDALE	KC4IEV	443.300 + T123.0	
SPIVEY'S CORNER	KD4DMS	442.875 +	
STATESVILLE	N4VOZ	443.450 +	
STATESVILLE	AE4GA	444.700 + PROP	
TARBORO	N4JEH	444.500 + T100.0	
TAYLORSVILLE	KF4CYI	442.950 + T173.8	
TAYLORSVL/BARR M	K4OLC	444.050 + PROP	
THOMASVILLE	WW4DC	442.900 + T88.5	
UWHARRIE	KD4JYV	442.075 + PROP	
WAXHAW	WA4ZRS	444.525 + PROP	
WAYNESVILLE	KE4JMH	444.450 +	
WEST JEFFERSON	WA4PXV	442.375 +	
WILKESBORO	KE4DGP	442.475 + T107.2	
WILLIAMSTON	K4SER	444.250 + T131.8	
WILMINGTON	WA4US	442.175 +	
WILMINGTON	WA4US	442.200 + T	
WILMINGTON	K4YNY	442.500 + T88.5	
WILMINGTON	AD4DN	443.400 + T88.5	
WILMINGTON	WA4US	443.850 +	
WILMINGTON	WA4US	443.950 +	
WILMINGTON	WA4US	444.200 +	
WILMINGTON	WA4US	444.450 +	
WILMINGTON	WA4US	444.650 +	
WILMINGTON	K4GMP	444.850 + T88.5	
WILSON	NE4J	444.900 + T179.9	
WINSTON-SALEM	W4NC	444.275 + PROP	
WINSTON-SALEM	KD4MMP	444.725 + T107.2	
#WINSTON-SALEM	WA4RQF	444.775 + UNCOR	
YADKINVILLE	N4AAD	442.800 + T100.0	
YOUNGSVILLE	KD2LH	443.200 + T88.5	
ZEBULON	WB4IUY	442.300 + 88.5	
ZEBULON	KD4WJD	442.400 +	

920 MHZ

RALEIGH	KE4ZEQ	920.800 - PROP	

1270 MHZ

#CHARLOTTE	W4PPN	1253.250+ UNCOR	
GASTONIA/CRWDR	KE4GTM	1292.820-	
GREENSBORO	KB4SXY	1291.400-	
ZEBULON	WB4IUY	427.250 +	

SOUTH CAROLINA

BEACON

RKY RDG/WALLACE	W4APE	29.600 -	

10 METERS

SUMTER	KQ7E	29.660 -	

6 METERS

BLYTHEWOOD	N0WFL	53.010 - PROP	
CHESTER	KF4SXO	53.290 - PROP	
GILBERT	KC4GYM	53.270 - T162.2	
GVL/CSR'S HEAD	KO4MZ	53.410 - T131.8	
LITTLE MOUNTAIN	KN4AS	53.190 - PROP	
MOUNTAIN REST	KF4IWA	53.590 -	
SUMTER	W4GL	53.770 - PROP	

2 METERS

ADAMS RUN (CHAS)	N7GZT	147.345 +	
AIKEN	N4ADM	147.285 +	
ANDERSON	N4AW	146.970 -	
ANDERSON/SAS MT	N4AW	146.790 -	
AWENDAW	K4LWS	147.300 + T103.5	
BAMBERG	WA4DFP	145.330 -	
BARNWELL	KF4CVO	147.030 + T156.7	
BEAUFORT	KD4KQJ	145.310 -	
BEAUFORT	KD4KQJ	146.655 -	
BISHOPVILLE	W4APE	146.925 -	
BLYTHWOOD	N0WFL	147.000 -	
CHARLESTON	WA4USN	145.250 - 123.0	
CHARLESTON	WA4USN	146.790 -	
CHARLESTON	KT4YW	146.835 -	
CHARLESTON	KF4CDR	146.940 -	
CHARLESTON AREA	W4ANK	147.270 +	
CHERAW	W4APE	145.490 -	
CHESTER	KT4DG	145.310 -	
CHESTER	KF4SXO	146.625 -	
CHESTERFIELD	KF4GPE	147.135 +	
CLEMSON UNIVERSI	WD4EOG	145.450 - T	
COLUMBIA	N0YVN	145.190 - PROP	
COLUMBIA	KC4GYM	145.270 - T127.3	
COLUMBIA	KF4GHC	147.330 + T156.7	
DILLON/PEE DEE	NN4N	146.745 -	
EASTOVER	KT4BU	147.075 + T156.7	
ELLOREE	KC4WIF	146.610 - T118.8	
FLORENCE	W4ULH	146.850 -	
FLORENCE	W4GEY	146.970 -	
FLORENCE	W4APE	147.195 +	
FORT JACKSON	KF4GHC	146.775 - T156.7	
FORT MILL	WB4TWX	145.110 -	
#FORT MILL	W4DXA	147.180 + UNCOR	
GAFFNEY	KN4RG	145.470 - T141.3	
GEORGETOWN	KI4CB	147.375 + T179.9	
GILBERT	KF4GHC	145.430 - T156.7	
GREENVILLE	W4IQO	146.940 - T7	
GREENWOOD	W4GWD	147.165 + 107.2	
#GREENWOOD	K4LEO	147.375 + UNCOR	
GRNVLE/CSRS HD	W4NYK	146.610 -	
GRNVLE/PARIS MT	W4NYK	146.820 -	
HILTON HEAD	W4ILN	147.240 + T	
LANCASTER	W4PAX	146.700 -	
LANCASTER	AC4VT	147.240 + T88.5	
LAURENS	KD4HLH	146.865 - T107.2	
LEESVILLE	W4RRC	147.255 + T123.0	
LEXINGTON	NS4SC	145.210 -	
LEXINGTON	KA4FEC	147.390 +	
LITTLE MT.	K4AVU	147.210 +	
MARION	W4YLT	147.000 -	
MONCKS CORNER	WD4NUN	147.150 + T	
MT PLEASANT	K4ESG	146.760 - T	
MYB BCH/BRKSVIL	N4LV	147.285 +	
MYR BCH/CONWAY	W4GS	145.110 -	
MYR BCH/CONWAY	KI4CB	145.470 - T179.9	
MYRTLE BEACH	W4GS	147.120 +	
N. AUGUSTA	K4NAB	146.730 - T	
#N. MYRTLE BEACH	K4NMB	147.030 + UNCOR	
N. SPARTANBURG	N4UZT	147.315 + T141.3	
NO. COLUMBIA	KE4GUA	147.105 - PROP	
ORANGEBURG	KF4ATU	146.805 - T156.7	
ORANGEBURG	KF4ATU	147.090 + T156.7	
PAGELAND	W4APE	146.895 -	
PICKENS	KF4FOF	146.700 -	
PICKENS	WB4YXZ	147.000 -	
#ROCK HILL	W4WBT	145.410 - UNCOR	
ROCK HILL	K4YTZ	147.030 -	
SANTEE	W4DTW	147.225 +	
SENECA/LONG MT	WA4JRJ	147.270 +	
SIMPSONVILLE	WD4BJY	146.730 -	
SPARTANBURG	K4JLA	147.090 +	
#ST. MATTHEWS	AD4U	146.670 - UNCOR	
#SUMMERVILLE	WA4HNK	147.180 + UNCOR	
SUMTER	K4JR	145.130 -	
UNION	K4USC	145.250 -	
UNION	K4USC	146.685 -	
WHITE HALL	W4BWZ	146.910 -	
#WHITE OAK MTN	W4RCW	147.285 + UNCOR	

220 MHZ

COLUMBIA	KC4GYM	224.560 - PROP	
GREENVILLE	W4ILY	224.200 -	
GRNVL/DOWNTWN	W4NYK	224.920 - 88.5	
LITTLE MTN	K4RWN	224.520 -	
PICKENS	WB4QHF	224.400 - T131.8	
PICKENS/CSRS HD	WB4QHF	224.140 - T131.8	
PICKENS/SASFR MT	AJ4N	224.320 -	

440 MHZ

AIKEN	AC4WW	443.400 + T107.2	
#BLUFFTON	WA4MPZ	442.675 + UNCOR	
BLYTHEWOOD	N0YNV	444.000 + PROP	
CHARLESTON	N4MNH	444.300 +	
CLEMSON UNIV.	WD4EOG	444.625 + T156.7	
COLUMBIA	KC4GYM	442.075 + T156.7	
COLUMBIA	KF4GHC	444.200 + T156.7	
COWPENS	KE4EAN	443.625 + T136.5	
EASLEY/SAS MTN	AC4RZ	444.925 + T103.5	
FORT MILL	WB4TWX	443.475 +	
GREENVILLE	KB4PQA	442.250 +	
GREENWOOD	W4GWD	443.900 + T107.2	
GRNVLE/PARIS MT	ND4N	443.350 +	
KNIGHTSVILLE	WA4USN	441.350 + PROP	
LANCASTER	KC4AC	444.100 +	
LAURENS	KD4HLH	443.175 + T146.2	
LAURENS	KF4Y	443.775 + T141.3	
LITTLE MT	NK4W	442.975 + T162.2	
MOUNTAIN REST	AE4PZ	442.775 + T127.3	
MT. PLEASANT	WA4USN	441.450 + PROP	
MYB BCH/BRKSVIL	N4LV	444.525 +	
MYR BCH/CONWAY	W4GS	444.675 +	
#MYRTLE BEACH	W4GS	444.575 + UNCOR	
NO. CHARLESTON	KT4YW	444.600 +	
ORANGEBURG	WM3O	444.975 +	
PICKENS	KF4FOF	442.125 + PROP	
PICKENS/CSRS HD	WB4QHF	442.400 + T127.3	
SIMPSONVILLE	N4GLB	442.725 +	
SUMMERVILLE	KE2D	442.300 + T	
#SUMMERVILLE	WA4HNK	443.800 + UNCOR	
SUMTER	WZ4O	421.250 +	

1270 MHZ

BLYTHEWOOD	N0WFL	1292.000- PROP	

TENNESSEE

BEACON

GREENEVILLE	WB4NKM	222.058 -	

10 METERS

GALLATIN/BNA	W4CAT	29.640 - T107.2	
GREENEVILLE	WB4NKM	29.640 -	
MEMPHIS	W4ZJM	29.620 - T*#	
UNION CITY	WA4YGM	29.660 -	

6 METERS

CHATTANOOGA	W4AM	53.350 - PROP	
COOKEVILLE	WA4UCE	53.190 - PROP	
DRESDEN	KE4OVN	53.710 - T107.2	
GALLATIN	WA4BGK	53.050 - T114.8	
GRAY/HOLSTON MT	WM4T	53.010 -	
KINGSPORT	K4GX	53.430 - PROP	
#KNOXVILLE	WA4YON	53.250 - UNCOR	
KNOXVILLE	N4OQJ	53.550 - PROP	
KNXVL/ENG MT	WB4IOB	53.150 -	
LAFOLLETTE	K4BGW	53.170 - PROP	
MARYVILLE	KC4PDQ	53.370 - PROP	
MCNAIRY	NU5O	53.350 - T107.2	
MEMPHIS	WA4KOG	53.010 -	
MEMPHIS	K4RDK	53.550 -	
MEMPHIS	W4GMM	53.930 - T107.2	
MORRISTOWN	KF4FTD	53.030 - PROP	
MORRISTOWN	KQ4E	53.230 -	
NASHVILLE	WA4BGK	53.010 - T114.8	
NASHVILLE	N4ARK	145.210 -	
OAK RIDGE	WD4GYN	53.110 -	
ROAN MTN	KD4SQB	53.310 -	

UNKNOWN REPEATER LISTS
ARE AT THE END OF THIS INDEX

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SEE OUR AD ON PAGE 39 THIS ISSUE!

INDEX LISTINGS - BY STATE - BY CITY . . . continued

TENNESSEE REPEATERS CONTINUE

#ROGERSVILLE	K4GX	53.750 -	UNCOR	☺
WAVERLY	KC4VHQ	53.090 +		☺

2 METERS

ALAMO	WB4EDS	147.135 +		
ANDERSON CTY	KF4BVQ	146.700 -	T100.0	
ARNOLD A.F.B.	KC4FV	147.195 +		☺
ATHENS	WA4PNI	145.310 -	T141.3	☺
BENTON	K4SIR	145.450 -	T	
BLOUNTVILLE	WA4CBX	147.000 +		☺
BOLIVAR	WD4OZN	147.045 +		☺
BRADEN	WA4KOG	145.490 -		
BRISTOL	W4UD	146.670 -		
BRISTOL	WD4CYZ	146.880 -		
BROWNSVILLE	KB4YTU	145.430 -		
BROWNSVILLE	KD4AOK	146.655 -		☺
BRSTL/HOLSTN MT.	K4JP	146.760 -		☺
BRUCETON	KF4SCT	145.170 -	T107.2	☺
BUCKSNORT	KF4SCT	145.430 -	T107.2	☺
CARLISLE	KT4WS	145.250 -		☺
CARTHAGE	N4OTT	145.190 -		☺
CHATTANOOGA	K4CMY	145.130 -		☺
CHATTANOOGA	W4AM	145.290 -	T67.0	
CHATTANOOGA	W4AM	145.390 -		
CHATTANOOGA	W4AM	146.610 -		
CHATTANOOGA	W4AM	146.790 -		
CLARKSVILLE	WD4SGA	147.000 +		
#CLARKSVILLE	KF4L	147.390 +	UNCOR	
CLEVELAND	W4GZX	146.925 -		☺
CLEVELAND	KD4NEC	147.105 +	PROP	
CLEVELAND	WD4DES	147.180 +	T118.8	☺
COLLEGEDALE	KA6UHV	147.000 +		☺
COLUMBIA	W4GGM	147.120 +		☺
COOKEVILLE	NO4Y	145.110 -		☺
COOKEVILLE	WA4UCE	145.430 -		
COOKEVILLE	N4WS	147.210 +		☺
CORNERSVILLE	KF4TNP	146.625 -	PROP	☺
CROSS PLAINS	K4UVH	147.345 +		
CROSSVILLE	W4EYJ	146.805 -	PROP	
CROSSVILLE	KF4DPU	146.865 -		☺
CUMBERLAND CITY	WD4DBJ	145.330 -	T	
CUMBERLAND CITY	WA4TLZ	146.925 -	T127.3	☺
DANDRIDGE	WD4EGD	146.895 -	T	☺
DAYTON	K4PHT	147.345 +		
DAYTON/RHEA CTY	K4DPD	147.390 +		
DECATUR-PONE KB	W4RJC	145.150 -		
DICKSON	KN4HL	147.375 +		☺
DOVER	N4VIH	145.410 -	T	
DRESDEN	KE4OVN	145.350 -	T107.2	☺
DYERSBURG	WB4RCK	146.745 -		
ERWIN/PINNACLE	N4WXS	145.250 -	T	
ERWIN/UNICOI	KF4BRS	147.165 +		
EVA	AD4QG	147.090 +		
FAYETTEVILLE	W4BV	147.030 +		☺
FRANKLIN	W4XS	145.150 -		
FRUITLAND	KF4SCT	146.775 -	T107.2	☺
GALLATIN	N4SSB	145.130 -	T107.2	☺
GALLATIN	W4LKZ	147.240 +	T114.8	☺
GALLATIN	WA4YQC	147.270 +	T114.8	☺
GALLATIN	W4CAT	147.300 +	T114.8	☺
GRAY	WM4T	145.110 -	T100.0	
GREENBRIER	WQ4E	147.075 +	T107.2	
GREENEVILLE	W4WC	145.390 -		☺
GREENEVILLE	WB4NKM	145.410 -		
GRNVLE/VIKING MT.	KB4UG	147.180 +		
GTLBG/COVE MTN	WA4KJH	146.850 +	T127.3	
HARRIMAN	KA4QYI	146.640 -	T100.0	☺
HARRIMAN	KC4WHL	146.745 -		☺
HENDERSON	K4TC	147.105 +	T	☺
HENDERSONVILLE	WB4WZK	145.270 -	T	☺
HUNTINGDON	KB4YTM	146.835 -		
JACKSON	KD4GCT	145.110 -		
JACKSON	KF4SC	145.310 -		☺
JACKSON	WF4Q	147.210 +	T107.2	☺
JACKSON	WB0TMC	147.270 +		
JAMESTOWN	K4NLP	147.090 +	T100.0	☺
JASPER	KD4XV	145.190 -	T127.3	☺
JOHNSON CITY	W4ABR	146.790 -		☺
JOHNSON CITY	KE4FH	147.270 +		
JOHNSON CITY/HOL	WB4SQC	145.290 -		☺
JONESBOROUGH	WD4OBW	146.925 -		☺
KNGSPT/BAYS MT	W4TRC	146.970 -		☺
KNOXVILLE	WB4GBI	145.170 -		☺
KNOXVILLE	WA4TEM	145.330 -		☺
KNOXVILLE	KB4KIE	145.370 -		☺
KNOXVILLE	WB4YLC	145.430 -		☺
KNOXVILLE	WB4GBI	145.470 -		☺
KNOXVILLE	WB4GBI	146.625 -	T100.0	☺
KNOXVILLE	KC4ROG	146.910 -	T	
KNOXVILLE	WB4GBI	146.940 -		☺
KNOXVILLE	WB4GBI	147.075 +		☺
KNOXVILLE	KD4CWB	147.195 +	PROP	
KNOXVILLE/RACK	W4BBB	145.210 -	T100.0	☺
KNOXVILLE/RACK	W4BBB	147.300 +	T100.0	☺
KNXVL/ENG MT	WB4IOB	146.730 -		☺
LAFAYETTE	KC4ECD	145.310 -	T151.4	☺
LAFOLLETTE/WMT	K4BGW	146.670 -		
LAVERNE	W4CAT	145.230 -		☺
LAWRENCEBURG	KM4ME	146.655 -	T	
LEBANON	W4LYR	147.105 +	T100.0	☺
#LEWISBURG	WB4VXX	146.805 -	UNCOR	☺
LIVINGSTON	N2UP	147.045 +		☺
MANCHESTER	W4UOT	146.700 -	T114.8	☺
MARTIN	N4ABU	146.625 -		
MARYVILLE/ALCOA	W4OLB	146.655 -		☺
MAYNARDVILLE	KB4KIE	145.230 -		☺
MCMINNVILLE	WD4MWQ	146.970 -		
MCNAIRY	KF4SCT	147.075 +	T107.2	☺
MEDINA	WA4RWK	146.970 -		
MEMPHIS	KF4SCT	145.130 -	T107.2	☺
MEMPHIS	K0JXI	145.150 -		
MEMPHIS	W2GLJ	145.210 -		☺
MEMPHIS	K5FE	145.410 -	T107.2	☺
MEMPHIS	WA4KOG	145.450 -		
MEMPHIS	WB4KQQ	146.640 -		
MEMPHIS	W4KIB	146.790 -	T107.2	☺
MEMPHIS	W4BS	146.820 -	T	
MEMPHIS	WA4KOG	146.850 -		
MEMPHIS	WA4KOG	146.880 -		
MEMPHIS	N4BSM	146.940 -	T107.2	☺
MEMPHIS	W4ZJM	147.000 +	T*#	
MEMPHIS	W4EM	147.030 +		☺
MEMPHIS	WA4MQQ	147.060 +		
MEMPHIS	W4GMM	147.090 +	T107.2	☺
MEMPHIS	WA4KOG	147.180 +		
MEMPHIS	WA4ADT	147.300 +	107.2	☺
MEMPHIS	W4BS	147.360 +	T107.2	
MONTEAGLE	NQ4Y	145.410 -	T114.8	☺
MORGAN COUNTY	WD4ORB	147.330 +	T82.5	
MORRISTOWN	KQ4E	145.450 -		
MORRISTOWN	KQ4E	147.030 +		
#MORRISTOWN	KQ4E	147.390 +	UNCOR	
#MOUNTAIN CITY	KF4RBR	145.470 -	UNCOR	☺
#MT PLEASANT	KF4GHD	145.450 -	UNCOR	☺
NASHVILLE	N4ARK	145.210 -		☺
NASHVILLE	N4ARK	52.525 +		☺
NASHVILLE	WR3S	145.370 -		☺
NASHVILLE	N4ARK	145.470 -		☺
NASHVILLE	WA4PCD	146.610 -	T	
NASHVILLE	WA4PCD	146.760 -	T114.8	
NASHVILLE	W4SQE	146.790 -	T	☺
NASHVILLE	W4AY	146.850 -	T114.8	☺
NASHVILLE	WA4PCD	146.880 -	T	
#NASHVILLE	NT4L	146.955 -	UNCOR	☺
NASHVILLE	KC4PRD	146.985 -		☺
NASHVILLE	KJ4ZQ	147.015 +	T	
NASHVILLE	K4ZGA	147.180 +	T114.8	☺
NASHVILLE WEST	WA4PCD	147.150 +	T114.8	
NASHVLE/FAIRVIEW	N4ARK	145.110 -		☺
NOLENSVILLE	WD4JYD	145.350 -		☺
OAK RIDGE	W4SKH	146.880 -		
OAK RIDGE	W4SKH	146.970 -		
OAK RIDGE	K4EAJ	147.120 +	T82.5	☺
OAK RIDGE	K4EAJ	147.150 +	T82.5	☺
OAKFIELD	WA4BJY	147.390 +	T	
#ORLINDA	N8ITF	147.195 +	UNCOR	
PARIS	K4KLX	147.360 +		
PETROS/FRZ HD MT	KJ4SI	147.255 +	T94.8	☺
PIGEON FORGE	KD4CLA	145.270 -	T100.0	☺
PIKEVILLE	KF4JPT	147.285 +		☺
PULASKI/MUSIC MT.	W4JVO	146.775 -		☺
PURYEAR	WA4CEX	147.165 +		
RAMER	WB4MMI	146.700 -	T107.2	
RCKWD/MT ROSVLT	AA4KS	147.015 +		☺
RIPLEY	KE4NTL	145.230 -	T100.0	☺
ROGERSVILLE	KD4HZN	147.315 +	T114.8	
SALTILLO	KB4JUB	146.715 -		
SELMER	KB6BUL	146.805 -	T127.3	
#SPARTA	N4ARK	147.315 +	UNCOR	☺
SPARTA/WHITE	KR4BT	147.165 +	T123.0	☺
TELLICO PLAINS	KT4EQ	147.315 +	T	☺
UNION CITY	WA4YGM	146.700 -		
UNION CITY	KF5SCT	147.015 +	T107.2	☺
WATERTOWN	WA4KPA	146.730 -	T100.0	
WATERTOWN	W4LYR	146.835 -	T100.0	☺
WAVERLY	KC4VHQ	147.225 +	T	
WAVERLY	KC4VHQ	147.225 +		☺
WINCHESTER	AB4SW	146.820 -		☺

220 MHZ

BLOUNTVILLE	WA4CBX	224.200 -		☺
BROWNSVILLE	KB4YTU	224.200 -		
CHATTANOOGA	K4VCM	224.780 -		
COLLIERVILLE	KB4YGI	224.400 -		
ERWIN	KB8FPK	224.180 -	PROP	
GALLATIN	W4CAT	223.980 -		☺
GALLATIN	KD4VUW	224.700 -		
GRAY	WM4T	224.900 -		
GREENBRIAR	WQ4E	224.800 -		
GREENBRIER	N8ITF	224.540 -		
GREENBRIER	WQ4E	224.760 -		
GREENEVILLE	WB4NKM	224.940 -		
HERMITAGE	WB4SJV	223.900 -		
JC/BUFFALO MT	KE4FH	224.780 -		
KNOXVILLE	WB4GBI	224.340 -	PROP	☺
KNOXVILLE	N4OQJ	224.380 -	100.0	☺
KNOXVILLE	N4KFI	224.580 -	T103.5	
KNOXVILLE	KF4PCK	224.760 -	PROP	
KNOXVILLE/RACK	W4BBB	224.500 -	T100.0	☺
KNXVL/CROSS MT	KB4FZK	224.220 -	T100.0	☺
LAVERGNE	WR3S	224.360 -		☺
MEMPHIS	W4ZJM	223.940 -	T*#	
MEMPHIS	W4BS	224.420 -		
MEMPHIS	WA4KOG	224.780 -		
MOORESBRG/SNED	KD4IBW	224.760 -		
MORRISTOWN	KC4RGQ	224.640 -		
NASHVILLE	WR3S	224.160 -		
#NASHVILLE	KC4TFQ	224.440 -	UNCOR	
NASHVILLE	K4ZGA	224.480 -		☺
NASHVILLE	WR3S	224.660 -		
NASHVILLE	N4PYI	224.740 -	T100.0	☺
NASHVILLE	KC4PRD	224.840 -		☺
NEWPORT	AC4JF	224.560 -	T100.0	☺
ONEIDA	KB4PNG	224.140 -		☺
ROGERSVILLE	KD4HZN	224.480 -	PROP	
SEVIERVILLE	KD4IBW	224.700 -	T100.0	☺
SEVIERVILLE	KD4IBW	224.800 -		☺
#SHORT MTN	WR3S	223.960 -	UNCOR	☺
SHORT MTN.	N4PYI	224.260 -	T114.8	☺
SMITHVILLE	WR3S	223.960 -		☺
SPRINGFIELD	KO4BN	224.220 -		
SWEETWATER	WD9JGI	224.900 -	PROP	

440 MHZ

ALAMO	WB4EDS	443.750 +		
ARNOLD A.F.B.	KC4FV	443.950 +		☺
ATOKA	KE4ZBI	442.700 +		
BARTLETT	K4VVM	443.700 +	T107.2	☺
BARTLETT	WA4PAJ	444.250 +		
BETHPAGE	KD4YUX	442.200 +	T107.2	☺
BROWNSVILLE	KB4YTU	444.200 +		
BROWNSVILLE	KB4YTU	444.450 +		
BRSTL/HOLSTN MT.	K4JP	444.500 +		
CHATTANOOGA	WJ9J	442.150 +		
CHATTANOOGA	WB4LRD	443.550 +		
CHATTANOOGA	KD4HII	443.900 +	T	
CHATTANOOGA	W4AM	444.100 +		
CHATTANOOGA	KD4HII	444.200 +	T	
CLARKSVILLE	WA4BZU	444.325 +	T107.2	
CLARKSVILLE	KF4GP	444.950 +	T167.9	
CLEVELAND	WD4DES	442.250 +	T118.8	☺
CLEVELAND	KD4NEB	442.450 +	T88.5	
CLEVELAND	W4GZX	444.275 +		☺
COLLEGEDALE	KA6UHV	443.575 +		☺
COLLIERVILLE	KA7UEC	443.300 +	107.2	
COLLIERVILLE	KA7UEC	443.625 +	T107.2	☺
COLUMBIA	WA4AKM	444.925 +	T107.2	
COOKEVILLE	WA4UCE	442.300 +	107.2	
COOKEVILLE	NO4Y	444.550 +	T107.2	☺
CROSSVILLE	W4EYJ	444.950 +	T107.2	☺
CUMBERLAND CITY	WD4DBJ	443.400 +	T	
DAYTON	KN4VY	442.075 +		☺
DEASON	WA4AWI	443.350 +	T107.2	☺
DOVER	N4VIH	444.925 +	T	
DRESDEN	KA4BNI	442.150 +	107.2	☺
DRESDEN	KE4OVN	443.850 +	107.2	☺
ETOWAH	KF4CFO	442.275 +	PROP	
EVA	AD4QG	443.625 +		
FRANKLIN	WA4AKM	444.725 +	T107.2	
GALLATIN	WD4BKY	444.000 +	T107.2	☺
GALLATIN	WD4BKY	444.350 +	T114.8	☺
GALLATIN	W4CAT	444.450 +	T107.2	☺
GALLATIN	WA4AKM	444.775 +	T107.2	
GATLBG/COVE MT	WA4KJH	443.300 +	T127.3	
GEORGETOWN	WD4OAR	442.925 +	107.2	
GOODLETTSVILLE	KC4PRD	443.125 +	PROP	
GRAY	WM4T	442.200 +	T100.0	
GREENBRIER	WQ4E	444.250 +		
GREENEVILLE	WB4NKM	444.650 +	T100.0	
GRNVLE/VIKING MT.	KB4UG	443.200 +		
HARRIMAN	KC4WHL	442.875 +	T136.5	☺
HARRIMAN	KC4WHL	444.025 +		☺
HENDERSON	KE4PFW	442.275 +		
HENDERSON	K4TC	444.750 +	T	☺
HICKORY VALLEY	KA4JXT	443.125 +	107.2	☺
HUNTINGDON	KB4YTM	444.375 +		
JACKSON	KE4CES	442.900 +	T114.8	☺
JACKSON	WB0TMC	444.725 +	T107.2	
JAMESTOWN	KC4MJN	443.625 +	T100.0	
JASPER	KD4XV	442.050 +	T127.3	☺
JEFFERSON CITY	KD4TUD	444.625 +	T	
JOHNSON CITY	KE4FH	444.100 +		
JOHNSON CITY/BUF	WD4ATV	421.250 +		☺
JOHNSON CITY/HOL	WB4SQC	442.050 +	T100.0	☺
KNOXVILL/ENG MTN	WB4HAP	444.600 +		☺
KNOXVILLE	WB4HAP	442.500 +	T103.5	☺
KNOXVILLE	N4UAG	443.025 +		
KNOXVILLE	KA4AZQ	443.075 +	PROP	
KNOXVILLE	KD4CWB	443.500 +	T	
KNOXVILLE	KA4AZQ	443.800 +	T100.0	
KNOXVILLE	KD4OBX	443.950 +		
KNOXVILLE	KD4CWB	444.000 +	PROP	
KNOXVILLE	KC4NNN	444.175 +	T	
KNOXVILLE	WB4GBI	444.300 +		☺
KNOXVILLE	KB4KSL	444.325 +	PROP	
KNOXVILLE	KC4NNN	444.425 +	T	
KNOXVILLE	KD4IBW	444.525 +	T100.0	☺
KNOXVILLE	KD4TZD	444.925 +		☺
KNOXVILLE/RACK	W4BBB	444.575 +	T100.0	☺
LAFAYETTE	KC4ECD	444.125 +	T107.2	☺
LAFOLLETTE	KB4OTK	443.700 +		☺
LAKE CITY	WD4LUR	442.800 +	T100.0	☺
LAVERGNE	WR3S	443.975 +	T	
LEBANON	WA4AWI	443.275 +	T107.2	☺
LEBANON	W4LYR	443.575 +	T100.0	☺
LEBANON	WA4AXH	444.275 +	T	☺
LEWISBURG	KF4TNP	442.100 +	PROP	☺
#LEWISBURG	KF4TNP	444.075 +	UNCOR	☺
MARYVILLE	KF4BTL	442.000 +		☺
MARYVILLE	KC4PDQ	444.075 +	100.0	☺
MCEWEN	KE4KNZ	443.925 +	T	
MCKENZIE	KD4KPV	443.875 +		
MCMINNVILLE	WD4MWQ	444.850 +	T	
MCNAIRY	KF4SCT	444.550 +	T107.2	☺
MEDINA	WA4BJY	442.050 +		
MEMPHIS	W4GMM	442.175 +	T107.2	
MEMPHIS	WB4EPG	442.625 +		

SYMBOLS: ☺ = Full Member SERA T = Tone Accessed (plus tone freq)
and/or UNCOR = Uncoordinated PROP = Proposed Rptr. Under Const.

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THIS GREAT VISIBLE AD LOCATION IS NOW AVAILABLE IN THE JOURNAL
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INDEX LISTINGS - BY STATE - BY CITY . . . continued

TENNESSEE REPEATERS CONTINUE

MEMPHIS	WF4G	442.825 +		
MEMPHIS	W4ZJM	443.000 +	T*#	
MEMPHIS	KA4JXT	443.100 +	T107.2	◎
MEMPHIS	KA4JXT	443.125 +	T	◎
MEMPHIS	W4BS	443.200 +	T107.2	
MEMPHIS	WA4QWW	443.400 +		
MEMPHIS	N4ER	443.950 +	T	
MEMPHIS	WA4ETE	444.000 +	T107.2	◎
MEMPHIS	K4RDK	444.025 +		
MEMPHIS	KF4ATY	444.075 +		◎
MEMPHIS	KA4JXT	444.100 +	T	◎
MEMPHIS	KA4JXT	444.125 +	T	◎
MEMPHIS	W2GLJ	444.175 +		◎
MEMPHIS	WA4KOG	444.400 +		
MEMPHIS	K0JXI	444.800 +		
MEMPHIS	K5FE	444.825 +	107.2	◎
MEMPHIS	K7AG	444.850 +	T107.2	
MEMPHIS	WB4NNE	444.950 +		
MILAN	WD4PAX	442.100 +		◎
MORRISTOWN	KQ4E	444.975 +	T	
MT JULIET	N4PYI	444.400 +	T	◎
MT JULIET	N4PYI	444.750 +	PROP	◎
MT PLEASANT	KF4TNP	443.175 +	PROP	◎
#NASHVILLE	WB4PUB	443.050 +	UNCOR	
NASHVILLE	KB5YJC	443.725 +	PROP	
NASHVILLE	N4PYI	444.050 +	T107.2	◎
NASHVILLE	N4ARK	444.200 +	T	◎
NASHVILLE	N4ARK	444.225 +	T107.2	◎
NASHVILLE	WA4BZU	444.300 +	T107.2	
NASHVILLE	WA4BGK	444.525 +	T107.2	◎
#NASHVILLE	WA4PCD	444.550 +	UNCOR	
NASHVILLE	WA4WCK	444.575 +	T	
NASHVILLE	N4TK	444.625 +	T107.2	◎
NASHVILLE	WA4PCD	444.675 +	T	
NASHVILLE	N4PYI	444.800 +	T110.9	◎
NASHVILLE	WA4AKM	444.875 +	T107.2	
NASHVILLE	WA4AKM	444.975 +	T107.2	
NOLENSVILLE	WA4AXH	443.650 +	T	◎
OAK RIDGE	K4EAJ	444.400 +	T82.5	◎
OAKFIELD	WA4BJY	442.200 +	T	
ONEIDA	KT4PN	442.825 +		
PARIS	AD4LR	443.675 +		
PIGEON FORGE	KD4CLA	444.350 +	T156.7	◎
PROSPECT	WA4AUX	444.600 +	T118.8	
RAMER	WB4MMI	444.900 +	T	
ROCKWOOD/OZONE	WJ9J	442.225 +		
ROCKWOOD	KA4WJS	443.975 +		
ROGERSVILLE	K4GX	443.350 +	T	◎
SEVIERVILLE	KD4IBW	443.675 +	T100.0	◎
SEVIERVILLE	N4CKB	444.725 +	T123.0	◎
SHELBYVILLE	WA4PZN	442.700 +	T	
SHELBYVILLE	KC4KRM	443.825 +		
SHRT MT/MURFREB	W4CAT	444.650 +	T107.2	◎
SMITHVILLE	N4PYI	444.825 +	T107.2	◎
SODDY DAISY	WJ9J	444.450 +		
SPARTA	KR4BT	444.375 +	PROP	
SPENCER	KA4MHJ	443.775 +	123.0	◎
SUMMITVILLE	N4ZKR	444.475 +	T107.2	◎
WATERTOWN	W4LYR	444.900 +	T100.0	◎
WAVERLY	KC4VHQ	442.225 +	PROP	
WHITE HOUSE	WA4KOC	443.900 +	PROP	

920 MHZ

MORRISTOWN	KQ4E	920.800 -	
NASHVILLE	K4ZGA	923.250 -	◎

1270 MHZ

MEMPHIS	N4HKS	1292.000-	◎
NASHVILLE	WA4AKM	1284.400-	
SMITHVILLE	WA4AKM	1286.500-	

VIRGINIA

BEACONS

HIGH KNOB	WD4GSM	1296.075-	
HIGH KNOB	WD4GSM	432.075 -	
HIGH KNOB	WD4GSM	144.054 -	
HIGH KNOB	WD4GSM	222.055 -	

10 METERS

BLUEFIELD	KE4QOX	29.680 -	PROP	
FANCY GAP	KE4QOX	29.660 -	T123.0	
NEWPORT NEWS	W4CM	29.600 +		
STERLINGPARK	KD4DN	29.680 -		
STERLINGPARK	KD4DN	29.680 -		

6 METERS

ALEXANDRIA	WA4CCF	224.820 -		
ALEXANDRIA	WA4CCF	224.820 -		
AMELIA	WB3R	53.390 -		◎
AMELIA COURTHSE	KB4YKV	53.110 -		◎
BEDFORD/THAX MT	N4CH	53.150 -		◎
CHESTERFIELD	KD4SUU	53.430 -		◎
DANVILLE(DCC)	WB4GJG	53.130 -	T	
FANCY GAP	WA4CQK	53.290 -	PROP	◎
GATE CITY	N4WWB	53.210 -		
GUM SPRING	KB4MIC	53.070 -		◎
HAMPTON	WA4OHX	53.890 -		
LEXNGTN/ROCK MT	KI4ZR	53.010 -		◎
LYNCHBURG	KE4KEH	53.570 -		◎
NEWPORT NEWS	KT4QW	53.250 -	T100.0	◎
PEARISBURG	KE4JYN	53.470 -	T107.2	◎
RICE	KE4SFU	53.170 -		◎
ROANOKE	N4CH	53.250 -		◎
ROANOKE/POOR MT	WB8BON	53.090 -		◎
TYSONSCORNER	KM4OI	53.370 -		
TYSONSCORNER	KM4OI	53.370 -		
VESTA	N4GBO	53.430 -	PROP	◎
WHITE TOP MTN	KB4YFV	53.650 -		◎

2 METERS

ABINGDN/BRMLY MT	K4JP	146.610 -		
ABINGDON	NM4L	147.345 +	T103.5	◎
ACCOMAC	K4BW	147.255 +	T156.7	◎
ALEXANDRIA	K4US	146.655 -		
ALEXANDRIA	WA9GVK	443.750 -		
ALEXANDRIA	WA9GVK	443.750 -		
ALEXANDRIA	W4HFH	444.600 -		
ALEXANDRIA	W4HFH	147.315 +		
ALEXANDRIA	W4HFH	444.600 -		
ALTAVISTA	WA4ISI	146.655 -		◎
AMELIA	WB3R	145.190 -		◎
AMELIA COURTHSE	KB4YKV	147.180 +		◎
ARLINGTON	KF4JPC	146.625 -		
ARLINGTON	KF4JPC	146.625 -		
BEDFORD	N4CH	145.230 -		◎
BEDFORD	WB4JBJ	147.105 +		◎
BEDFORD/APL ORCH	WA1ZMS	146.685 -	T100.0	◎
BLACKSBURG	W9KIC	146.715 -		◎
BLAND	N4AZJ	145.350 -	T103.5	◎
BLUEFIELD	KD8XK	145.250 -	T100.0	◎
BLUEFIELD	W8MOP	145.490 -		
BLUEFIELD/ONEIDA	WZ8E	146.955 -	100.0	◎
BLUEMONT	WA4TSC	147.300 +		
BLUEMONT	WA4TSC	147.300 +		
BOYDTON	KD4ZTK	147.240 +		
CHARLOTTESVILLE	WA4TFZ	146.760 -	T88.5	◎
CHARLOTTESVILLE	N4RAG	146.895 -	T131.8	
CHARLOTTESVILLE	WA4TFZ	146.925 -		◎
CHESAPEAKE	WA4YSE	146.610 -		◎
CHESAPEAKE	N4SD	146.790 -		◎
CHESTERFIELD	KD4KWP	145.310 -	127.3	◎
CHESTERFIELD	KA4CBB	147.360 +		◎
CLAYPOOL HILL	KF4EII	146.805 +	PROP	
CLINCHCO	KB4RFN	147.150 +	T88.5	
#CLINCHCO	WD4CYZ	147.255 +	UNCOR	
COEBURN	AD4OV	145.430 -	103.5	◎
COVINGTON	WA4HTI	146.805 -		◎
CULPEPPER	AF4CY	145.410 -		
#DANTE/HAZEL MTN	KK4MW	146.985 -	UNCOR	
DANVILLE(DCC)	WB4GJG	146.925 -	T104.2	
DANVILLE/WHT OAK	K4AU	146.700 -	107.2	◎
DUBLIN	K4HZS	146.670 -		◎
DULLESAIRPORT	N4FSC	145.310 -		
EASTVILLE	N4WAO	147.345 +	T156.7	◎
ELK CRK/IRON MTN.	N4MGQ	147.240 +	T107.2	◎
ENON	WB4VWR	147.060 +	T107.2	
FAIRFAX CITY	K4KXK	146.790 -		◎
FANCY GAP	WA4CQK	145.110 -	PROP	◎
FARMVILLE	KE4ZBH	145.330 -		◎
FARMVILLE	N4RKM	146.910 -		◎
FINCASTLE	W4WIC	146.640 -		◎
FOREST	W8CXD	147.165 +	T114.8	◎
FRANKLIN	K4SPS	147.300 +	T131.8	◎
FREDERICKSBUR	WB4LNT	147.015 +		
FREDERICKSBUR	WB4LNT	147.015 +		
FREDERICKSBUR	WB4LNT	147.015 +		
GALAX/BRIRP MT	W4BRC	147.090 +		◎
GALAX/LKOUT MT	N4VL	145.130 -	T103.5	◎
GARRISONVILLE	N4NW	145.270 -		
GARRISONVILLE	N4NW	145.270 -		
GATE CITY	N4WWB	146.820 -	T	
GLOUCESTER	W4HZL	145.370 -	T100.0	◎
GOOCHLAND	N4TZE	147.090 +		
GREENBAY	K4ARO	145.150 -		◎
GRUNDY	K4HWQ	147.315 +		
GRUNDY/BIG A MT	KK4EH	146.835 -		◎
GUM SPRING	WB4IKL	147.270 +		◎
HAMPTON	WA4OHX	145.490 -		
HAMPTON	W4QR	146.730 -		◎
HAMPTON	K4UMI	146.940 -	T	
HAMPTON	KA4VXR	147.225 +	T136.5	◎
HARRISONBURG	N4YET	145.130 -		
HARRISONBURG	N4RAG	146.895 -		
HARRISONBURG	N4RAG	147.225 +	T131.8	◎
HARRISONBURG	N4YET	147.315 +		
KILMARNOCK	W2MS	145.210 -		
LEXINGTON	KI4ZR	147.300 +		◎
LEXNGTN/ROCK MT.	KI4ZR	147.330 +		◎
LYNCHBURG	KC4RBA	145.370 -		
LYNCHBURG	W4WWQ	146.610 -		◎
LYNCHBURG	AB4M	147.015 -	T131.8	◎
LYNCHBURG	WA4RTS	147.195 +	T136.5	◎
MANASSAS	W4OVH	146.970 -		
MARION	N4CLF	146.640 -	T103.5	
MARTINSVILLE	KF4KVG	147.285 +	T107.2	◎
MECHANICSVILLE	W4ML	146.805 -	PROP	
MONTEREY	WD4ITN	147.180 +	T100.0	◎
MONTPELIER	KQ4RH	145.250 -	PROP	◎
MOUNTAIN LAKE	WZ8E	146.865 +	110.9	◎
MT.LAKE/BALD KNB	K4TUE	146.910 -	107.2	◎
NEWPORT NEWS	W4MT	145.230 -	T100.0	◎
NEWPORT NEWS	W4CM	147.165 +		
NORFOLK	W4VB	145.330 -		◎
NORFOLK	KF8PT	146.700 -	PROP	
NORFOLK	AD4ZK	147.075 +		◎
NORTON	KC4UBU	146.865 -	PROP	
NORTON/HIGH KNOB	K4AXO	147.015 -	T88.5	
PATRICK SPRINGS	WB8POC	147.120 +	T107.2	◎
PEARISBURG	N4AZJ	147.135 +	T100.0	◎
PENNINGTON GAP	KK4QS	146.700 -		◎
PETERSBURG	K4ARO	147.390 +		◎
PKS KB/PULASKI	WB3S	147.180 +	T103.5	◎
PORTSMOUTH	W4POX	146.850 -	100.0	◎
QUANTICO	#W4NFR	147.345 +		
RADFORD/RINER	KA4IXK	145.150 -		
RICHMOND	K4YPE	145.110 -		◎
RICHMOND	W4SQT	145.430 -		◎
RICHMOND	WB4QEY	146.640 -		◎
RICHMOND	W4RAT	146.880 -		
RICHMOND	W4ZA	146.940 -		◎
RICHMOND	WA4JST	147.030 -		
RICHMOND	KC4VDZ	147.135 +	T107.2	
ROANOKE	N4AP	146.940 -		
ROANOKE/POR MT	K4ARO	145.390 -	T107.2	◎
ROANOKE/POR MT	K4ROA	146.745 -	T107.2	◎
ROANOKE/POR MT	W4CA	146.985 -		
ROANOKE/POR MT	KB4QWO	147.270 +		◎
ROANOKE/POR MT.	N2EDE	145.210 -		◎
RUSTBURG	N4UTN	145.290 -	T	◎
RUSTBURG/LNG MT	N4UTN	146.835 -	T173.8	◎
SALEM	WA4V	146.880 -		
SALUDA	AA4HQ	145.450 -		◎
SMITHFIELD	KF4ADJ	147.195 +	T100.0	◎
SOUTH BOSTON	KF4LWH	145.350 -		
SOUTH BOSTON	KF4AGO	147.060 -		
SOUTH HILL	N4ZCM	145.470 -		
SPOTSYLVANIA	K4MQF	146.775 -		
STAUNTON	KD4WWF	146.700 -	T131.8	◎
STAUNTON	WA4ZBP	146.850 -	T131.8	◎
STAUNTON	W4WRN	146.970 -		
STAUNTON/EL. KB	KE4CKJ	147.045 +	T131.8	
STERLING	WA4TXE	146.715 -		
STUARTS DRAFT	KB4OLM	147.360 +		
SUFFOLK	WA4HMT	147.000 -	T100.0	
TYSONS CORNER	KF4QQP	146.910 -		
TYSONSCORNER	KR4MU	146.910 -		
VIRGINIA BEACH	WA4KXV	146.895 -		
VIRGINIA BEACH	WA4KXV	146.970 -		◎
VIRGINIA BEACH	WA4SBC	147.045 +		
VIRGINIA BEACH	W4NV	147.375 +		
WALKERTON	KA4DZU	146.715 -		
WARRENTON	KB3BOI	145.350 -		
WARRENTON	KB3BOI	145.350 -		
WARRENTON	NZ4N	147.165 +		
WARSAW	KA4ZIP	147.285 +		
WAYNESBORO	W4PNT	147.075 +		◎
WILLIAMSBURG	KF4ADM	145.410 -	127.3	
WILLIAMSBURG	W4NTG	146.670 -		◎
WILLIAMSBURG	KB4ZIN	146.760 -		
WINCHESTER	N4RAG	145.210 -		
WINCHESTER, VA	N4RAG	145.210 -	T131.8	
WINCHESTER, VA	W4RKC	146.820 -		
WYTHEVILLE	WB3T	146.775 -	T107.2	◎
WYTHVL/WALKR MT.	WB3T	146.895 -	T103.5	◎

220 MHZ

ALEXANDRIA	WA4CCF	53.130 +		
ALEXANDRIA	WA4CCF	53.130 +		
ARLINGTON	WB4MJF	224.060 -		
ARLINGTON	WB4MWF	224.620 -		
ARLINGTON	WB4MWF	224.620 -		
BEDFORD	N4PLV	224.840 -		
BEDFRD/APL ORCH.	WA1ZMS	224.180 -	T100.0	◎
BLUEFIELD	N8LGA	224.920 -		
BUCK'S ELBOW	N4RAG	224.320 -	T131.8	
CHARLOTTESVILLE	KB4YQC	224.140 -	T88.5	
CHARLOTTESVILLE	WA4TFZ	224.760 -		
DELTAVILLE	AA4HQ	224.900 -		
FAIRFAX CITY	W4YHD	224.100 -		
FANCY GAP	K4DQ	224.880 -	PROP	
GLOUCESTER	W4GSF	224.620 -		
HAMPDEN-SYDNEY	W4JAS	224.200 -		
HAMPTON	WB4PVT	224.540 -	T100.0	◎
HARRISONBURG	N4YET	224.820 -		
HAYMARKET	WD4KHP	224.420 -		
JONESVILLE	WM4MD	224.520 -	PROP	
LAKE GASTON	WA4HMT	224.600 -		
LOVETTSVILLE	WB4FUJ	224.460 -		
LOVETTSVILLE	WB4FUJ	224.460 -		
LYNCHBURG	AB4M	224.280 -		
MANASSAS	W4OVH	224.660 -		
MANASSAS	W4OVH	224.660 -		
MARTINSVILLE	K4RCA	224.500 -		
NORFOLK	KC4JGC	224.740 -	T100.0	
NORTN/HIGH KNOB	WD4GSM	224.420 -		
PATRICK SPRINGS	KC4J	224.420 -	T103.5	
PEARISBURG	KQ4O	224.860 -		
PETERSBURG	K4ARO	224.700 -		
RESTON	WD4KHP	224.720 -		
RESTON	WD4KHP	224.720 -		
RIDGEWAY	AA4QT	224.380 -	T	
ROANOKE	N4CH	224.100 -		
ROANKE/CAHAS MT	AB4EM	224.940 -		
ROANOKE/TINKER	K4YDG	224.900 -		
STAUNTON/EL KNOB	KE4CKJ	224.300 -	T131.8	
STUART	WB4GUG	224.200 -	T107.2	◎
TYSONSCORNER	WD4KHP	224.420 -		
TYSONSCORNER	WD4KHP	224.420 -		
TYSONSCORNER	WD4KHP	224.420 -		
WAYNESBORO	KA4RCL	224.680 -	T131.8	◎

440 MHZ

ABINGDON	KB8KSP	442.975 +	T88.5	
ACCOMACK	K4BW	444.300 +	T156.7	◎
ALEXANDRIA	WA9GVK	911.250 -		
ALEXANDRIA	WA9GVK	915.750 -		
ALEXANDRIA	W4HFH	147.315 +		

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VIRGINIA REPEATERS CONTINUE

ALTAVISTA	WA4ISI	444.425 +		
AMELIA	KB4YKV	443.200 +		
ARLINGTON	KD4DSX	448.625 -		
ARLINGTON	WB4MJF	444.150 +		
ARLINGTON	WB4MJF	444.150 +		
BEDFORD	N4CH	444.350 +		
BEDFORD/APL ORC.	WA1ZMS	442.650 +	T100.0	
BEDFORD/APL ORC.	WA1ZMS	443.800 +	T100.0	
BIG "A" MTN	KB4WTP	444.875 +		
BLUEFIELD	WZ8E	443.625 +		
BLUEFIELD	WB3T	443.775 +	PROP	
BLUEFIELD	W8MOP	444.450 +		
BLUEFIELD	WZ8E	444.625 +		
BLUEMONT	WA4TSC	449.925 -		
BLUEMONT	WA4TSC	449.925 -		
CHARLOTTESVILLE	WA4TFZ	444.250 +	151.5	
CHESAPEAKE	N4EVG	443.900 +		
CHESTERFIELD	WA3KOK	433.075 +	PROP	
CHESTERFIELD	KD4SUU	442.150 +		
CHESTERFIELD	WA3KOK	442.450 +	PROP	
COVINGTON	WA4HTI	442.250 +		
DALECITY	N8BOR	443.100 +		
DALECITY	N8BOR	443.100 +		
DANVILLE	KQ4I	443.850 +		
DANVILLE/WHT OAK	K4AU	444.700 +		
ENON	WB4VWR	444.200 +		
ENON	KE4RTQ	444.275 +	T114.8	
FAIRFAX	K4HTA	448.375 -		
FAIRFAX	K4HTA	448.375 -		
FALLSCHURCH	KF4LWJ	444.300 +		
FALLSCHURCH	KF4LWJ	444.300 +		
FANCY GAP	WD4ICX	444.175 +	T107.2	
FANCY GAP	N4OWU	444.375 +	T107.2	
FANCY GAP	N4XRY	444.900 +		
FOREST	W8CXD	443.600 +	T136.5	
FOREST	WD4KQI	444.750 +		
FRONTROYAL	N4MKH	449.225 -		
GASBURG	WA4HMT	442.000 +		
GATE CITY	N4WWB	444.700 +		
GLOUCESTER	N4XND	421.250 +		
GOODVIEW	K4YD	443.675 +	PROP	
GRETNA/SMITH MT	KD4TBC	444.075 +	T67.0	
GUM SPRING	KB4MIC	442.800 +		
HAMPTON	K4UMI	443.650 +		
HAMPTON	WA4OHX	443.750 +	100.0	
HAMPTON	W4QR	444.550 +	T167.9	
HARRISONBURG	N4YET	444.600 +		
HAYMARKET	N3AUY	449.025 -		
HAYMARKET	N3AUY	449.025 -		
HILLSVILLE	KB4YFV	442.125 +	T103.5	
JONESVILLE	WB4IVB	442.575 +	T100.0	
LEXINGTON	KI4ZR	444.300 +		
LEXNGTN/ROCK MT.	KI4ZR	444.150 +		
LORTON	WA3TOL	448.675 -		
LYNCHBG/JACK MT.	KF4YI	442.400 +	T107.2	
LYNCHBRG/TOB MT	K4CQ	444.500 +	T136.5	
LYNCHBURG	K4CQ	923.250 -		
LYNCHBURG	AB4FU	442.950 +	T	
LYNCHBURG	KC4RBA	443.450 +		
LYNCHBURG	WA4RTS	444.550 +	T136.5	
LYNCHBURG/T.ROW	N4IFC	442.200 +	T103.5	
MADISON	N8HON	444.400 +		
MARTINSVILLE	KD4CRM	442.175 +	T118.8	
NEWPORT NEWS	W4MT	442.900 +	T100.0	
NORFOLK	AD4ZK	444.475 +	T	
NORFOLK	WD4MIZ	444.675 +	T107.2	
OILVILLE	KB4MIC	444.800 +		
PATRICK SPRINGS	KC4J	443.175 +		
PEARISBURG	N4AZJ	444.975 +	T103.5	
PETERSBURG	K4ARO	442.600 +		
PETERSBURG	WB4KZI	443.825 +		
PORTSMOUTH	W4POX	443.800 +		
#PORTSMOUTH	KK4SN	444.000 +	UNCOR	
POWHATAN	KN4YM	443.100 +		
PULASKI	KE4CIF	442.775 +	T	
RICHMND/CHLTVL	N4EHJ	444.650 +		
RICHMOND	KC4VDZ	442.300 +	T114.8	
RICHMOND	W4RAT	442.550 +	T127.3	
RICHMOND	AB4SF	444.850 +	T	
ROANOKE	K4ARO	442.600 +	T	
ROANOKE	WB3T	444.325 +	T103.5	
ROANOKE/MILL MTN	WD4KZK	442.750 +	T107.2	
ROANOKE/POR MT	W4CA	442.500 +		
ROANOKE/POR MT	KA4IXK	442.850 +		
ROANOKE/POR MT.	N4FHL	439.250 -		
ROANOKE/POR MT.	W7CP	442.700 +	T	
ROANOKE/READ MT	WD4KZK	444.850 +	T107.2	
ROANOKE/TINKER M	WB8BON	444.925 +		
SMITHFIELD	KF4PGC	443.550 +	T100.0	
SOUTH BOSTON	KF4AGO	443.925 +		
SOUTH BOSTON	KF4LWH	444.625 +		
SOUTH HILL	KD4MJO	443.525 +	100.0	
SPOTSYLVANIA	KD4QNA	442.700 +		
SPOTSYLVANIA	KD4QNA	442.700 +		
SPOTSYLVANIA	K4MQF	442.850 +		
SPOTSYLVANIA	K4MQF	442.850 +		
SPOTSYLVANIA	K4MQF	442.850 +		
SPRINGFIELD	WD4KHP	449.825 -		
STAFFORD	N4NW	444.450 +		
STAUNTON	WA4ZBP	444.825 +	T131.8	
STAUNTON	W4WRN	444.950 +		
STAUNTON/EL KNOB	KE4CKJ	444.100 +	T131.8	
STUART	WB4GUG	442.225 +	T107.2	
STUARTS DRAFT	KB4OLM	444.050 +		
TYSONSCORNER	KM4FI	443.500 +		
TYSONS CORNER	KA3RQR	447.025 -	T100.0	
TYSONSCORNER	KM4FI	443.500 +		
VIENNA	N4KOU	444.850 +		
VIENNA	N4KOU	444.850 +		
VIENNA	N4KOU	444.850 +		
VIENNA	N4KOU	443.850 +		
VIRGINIA BEACH	WA4KXV	444.950 +		
WAYNESBORO	N3XA	426.250 +		
WHITETOP MTN	KM4X	443.000 +	T103.5	
WILLIAMSBURG	KB4ZIN	444.100 +		
WILLIS	W4DUM	443.875 +		
WYTHE/WALKER MT	WB3T	442.000 +	T103.5	
WYTHEVILLE	WB3T	442.525 +	103.5	

920 MHZ

BEDFORD/APL ORC.	WA1ZMS	921.100 -	T100.0	
LYNCHBRG/TOB MT	K4CQ	921.000 -	T100.0	
LYNCHBURG	K2AD	921.200 -	T100.0	
ROANOKE/POR MT	WD4KZK	919.500 -	107.2	
TYSONSCORNER	K6LEW	919.500 -		
TYSONSCORNER	K6LEW	919.500 -		

1270 MHZ

BEDFORD/APL ORC.	WA1ZMS	1283.100-	T100.0	
ROANOKE/POR MT	N4CH	1291.020-		

2.4GHz

BEDFORD/APL ORC.	WA1ZMS	2411.600 +		

WEST VIRGINIA

10 METERS

BECKLEY	KA8OTX	29.620 -		
CHARLESTON	WB8CQV	29.640 -		
RICHWOOD	WA8YWO	29.660 -	T100.0	

6 METERS

ALDERSON	W8WDK	53.190 -		
BECKLEY	WB8YST	53.590 -	T107.2	
CHARLESTON	WB8YST	53.630 -	T107.2	
DANSMOUNTAIN	N8YIB	53.410 -		
FLATWOODS	N8CQQ	53.110 -	PROP	
GASSAWAY	K8WGB	53.210 -	T123.0	
LOGAN	KE4QOX	53.170 -	T	
RICHWOOD	WB8YST	53.710 -	T107.2	
SHIRLEY	KB8TJH	53.310 -		

2 METERS

AMBER RIDGE	KB8NJH	147.210 +	T107.2	
BECKLEY	N8FWL	147.360 +	T123.0	
BECKLEY/BOLT	WV8B	145.170 -	T100.0	
BECKLEY/EOC	N8TNB	145.370 -		
BECKLEY/FLAT TOP	W8WDK	146.850 -		
BECKLEY/LAYLAND	N8FCJ	145.310 -	T100.0	
BECKLEY/OAK HILL	N8FWL	145.230 -	T100.0	
BERKELEYSPRIN	KK3L	146.745 -		
BERKELEYSPRIN	KK3L	146.745 -		
BIRCH RIVER	N8FMD	145.270 -	T103.5	
BRIDGEPORT	WB8DKM	147.120 +	T	
BUCKHANNON	N8FHE	145.410 -		
BUCKHANNON	N8ZAR	146.850 -		
BUCKHANNON	N8ZAR	147.060 +	123.0	
CAPONMOUNTAIN	N8YIB	147.435 -		
CHARLESTON	W8GK	145.350 -	91.5	
CHARLESTON	WB8IFS	146.820 -		
CHARLESTOWN	N8EIV	146.985 -		
CLARKSBURG	N8FMD	146.685 -	T103.5	
CLARKSBURG	N8FMD	147.210 +	T103.5	
DANVILLE	WB8NAM	146.685 -	T	
DAVIS	KE8MR	147.135 +	T103.5	
ELKINS	KB8BWZ	146.775 -		
FAIRMONT	W8SP	145.350 -	T103.5	
FENWICK	KD8AB	146.940 -		
FLAT TOP/WINTRPL	WV8B	146.625 -	T100.0	
FLATWOODS	N8ZPX	146.655 -	T123.0	
FRANKLIN	W3RUA	147.345 +		
FROST	N8RV	145.110 -		
GASSAWAY	WB8MZI	146.610 -		
GLENVILLE	KB8EUN	145.130 -		
GLENVILLE	KA8ZXP	145.290 -		
GRAFTON	WD8LNB	147.375 +		
GRANTSVILLE	N8LGY	145.450 -	T103.5	
HARISVL/PENSBRO	WB8NSL	147.300 +		
HARPER'SFERRY	KB3BOI	145.350 -		
HARPER'SFERRY	KB3BOI	145.350 -		
HINTON	KC8CNL	147.255 +	100.0	
HUNTINGTON	WB8FEQ	145.210 -		
HUNTINGTON	W8VA	146.760 -		
HUNTINGTON/CHAS	WB8EZR	146.640 -		
IAEGER	N8SNW	146.655 -		
KEYSER	N8RCG	147.390 +	123.0	
LEWISBURG	WB8SPW	146.730 -	T100.0	
LEWISBURG	WV8D	147.390 +	T100.0	
LIBERTY	WV8AR	145.410 -	T123.0	
LOGAN SOUTH	NV8H	147.195 +	100.0	
LOGAN/SUMERCO	NU8K	147.345 +		
LOGAN/WRD RK MT	KJ8E	146.970 -		
MADISON	WB8NAM	147.120 +	T	
MARTINSBURG	WA8FSE	145.150 -		
MARTINSBURG	WA8FSE	145.150 -		
MARTINSBURG	WB8YZV	147.255 +		
MARTINSBURG	K3MAD	147.345 +		
MCMECHEN	N8BQ	146.910 -		
MIDDLEBOURNE	KC8GXI	147.360 +	T110.9	
MOOREFIELD	KD4SZR	145.190 -		
MORGANTOWN	W8CUL	146.760 -		
MORGANTOWN	KE8MR	147.075 +	T103.5	
MULLENS	KC8IT	147.030 +		
NEW MARTINSVILE	KF8IL	146.985 -		
OAK HILL	NM8T	146.790 -		
PARKERSBURG	WV8G	145.490 -		
PARKERSBURG	WA8LLM	147.255 +		
PARKERSBURG	WD8CYV	147.390 +	T141.3	
PARKERSBURG (OH)	WF8U	146.745 -		
PARKERSBURG (OH)	N8NBL	146.970 -		
PARSONS	K8VNQ	145.370 -	T118.8	
PHILIPPI	K8VE	145.150 -	103.5	
PINEVILLE	W8LG	147.285 +		
PRINCETON	KA8PNC	147.060 -		
PRINCETON	WB8NRK	147.225 +	T114.8	
PRINCETON/PIPEST	WD8OGY	146.925 -		
RAVENSWOOD	WD8JNU	146.670 -		
RICHWOOD	WB8YJJ	145.190 -	T	
RICHWOOD	AA8TH	147.015 +	T	
RICHWOOD	WA8YWO	147.150 +	T100.0	
SALT ROCK	K8SA	145.110 -	T110.9	
SCOTT DEPOT	WV8AR	147.270 +	123.0	
SHERRARD	KD8GL	146.715 -		
SHIRLEY	KB8TJH	145.310 -	T	
SMITHERS	NM8T	147.075 -		
SO. CHARLESTON	WB8CQV	146.880 -		
SPRUCE KNOB	N8HON	147.285 +		
ST ALBANS	K8WMX	147.000 -		
SUMMERSVILLE	W8FG	145.470 -	100.0	
TERRA ALTA	KD8ZR	147.000 +	T	
UNION	W8IFL	145.410 -		
WEIRTON	W8CWO	146.940 -		
WELCH	WB8SXZ	145.450 -		
WESTON	WD8EOM	145.390 -		
WESTON	WC8K	147.165 +		
WHEELING	KA8YEZ	145.190 -		
WHEELING	W8ZQ	146.760 -		
WILLIAMSON	WR8M	145.330 -		

220 MHZ

BECKLEY	N8FWL	224.240 -	T123.0	
BERKELEYSPRIN	KA3VLG	224.700 -		
CHARLESTON	WB8YST	224.360 -	107.2	
FLAT TOP/WINTRPL	WV8B	224.120 -		
WILLIAMSON	WR8M	224.140 -		

440 MHZ

BECKLEY	N8FWL	443.475 +	T123.0	
BECKLEY	N8LVE	444.125 +	T	
BECKLEY/BOLT	W8LG	443.225 +		
BECKLEY/OAK HILL	WV8B	444.800 +		
BECKLY/OAK HILL	KE4QOX	443.100 +	T107.2	
BERKELEYSPRIN	WA3KOK	442.450 +		
BELINGTON	N8SCS	444.900 +	71.9	
BUCKHANNON	N8ZAR	444.250 +		
CHARLESTON	WV8AR	444.225 +	T123.0	
CHARLESTON	WB8YST	444.350 +	T107.2	
CLARKSBURG	N8FMD	444.175 +	T103.5	
DANSMOUNTAIN	N8YIB	145.330 +		
DANSMOUNTAIN	N8YIB	145.330 +		
FAIRMONT	W8SP	443.875 +		
FLATTOP/EGERIA	W8ARA	444.400 +	T100.0	
FLATWOODS	N8ZVK	444.200 +		
GASSAWAY	K8WGB	444.675 +	T123.0	
GLENVILLE	KA8ZXP	444.325 +		
HUNTINGTON	WA4GSS	421.250 +		
HUNTINGTON	WB8EZR	443.000 +		
HUNTINGTON	KB8TGK	443.850 +	T88.5	
HUNTINGTON/CHAS	AA8MR	444.850 +	T131.8	
HURRICANE	K8OJC	444.075 +		
HURRICANE	W8HYX	444.500 +	PROP	
KEYSER	N8RCG	444.125 +	103.5	
LEWISBURG	KF8FO	444.725 +	T103.0	
LOGAN	KE4QOX	444.900 +	T	
MORGANTOWN	W8CUL	444.800 +		
MULLENS	KC8IT	444.000 +		
OAK HILL	NM8T	443.300 +		
OAK HILL	KA8OTX	443.800 +		
PENNSBORO	WB8NSL	442.850 +	PROP	
PRINCETON	KB8UJG	443.700 +	T123.0	
RIPLEY	KC8AOF	444.150 +	PROP	
SHIRLEY	KB8TJH	444.425 +	T	
SO. CHARLESTON	WB8CQV	444.950 +		
ST. ALBANS	K8MHR	443.150 +		
WELCH	N8SNY	443.725 +		
WESTON	N8FIP	443.975 +		
WESTON	WC8K	444.600 +		
WHEELING	KB8QHO	421.250 +		
WHEELING	KA8YEZ	443.025 +	77.0HZ	

Limited FULL MEMBERS FROM NON-SERA STATES

6 METERS

CONCORD, NH	KA1OKQ	53.590 -	71.9	

2 METERS

ANGOLA, IN	WB9AEI	147.105 +	T	
ANGOLA, IN	WB9AEI	147.180 +	T131.8	
CONCORD, NH	KA1OKQ	147.225 +	T100.0	
DELAND, FL	K4DWF	147.045 +	T103.5	
LOGANSPORT, IN	W9VMW	145.230 -		
LOGANSPORT, IN	W9VMW	147.180 +	T77.0	
PLYMOUTH, IN	WA9INM	147.285 +	T131.8	

MORE LIMITED FULL MEMBER REPEATERS

220 MHZ

ALBANY, NY	K2AD	224.140 -	
CONCORD, NH	KA1OKQ	224.800 - T103.5	

440 MHZ

ALBANY, NY	K2AD	444.000 +	
ANGOLA, IN	WB9AEI	444.900 + T100.0	
CONCORD, NH	KA1OKQ	448.775 - T82.5	
DALLAS, TX	KF5TU	442.350 + T100.0	
EVANSVILLE, IN	AA9MM	443.400 +	
LOGANSPORT, IN	W9VMW	443.650 +	
MT EQUINOX, VT	K1DF	444.050 +	
PEMBROKE, NH	KA1OKQ	444.150 +	
PETERBORO, NH	KA1OKQ	443.350 + T110.9	

920 MHZ

ALBANY, NY	K2AD	921.000 -	
MT. BEACON, NY	K1DF	921.200 -	

REPEATER LIST STATUS UNKNOWN

UNKNOWN REPEATER LISTS

The following list of repeaters are classified as "Unknown." By unknown, we mean that these listing have been purged from our main listing because we do not officially know if the repeaters indicated actually exist.

The SERA records department mails out datasheets for updates each year to all known repeaters and listings in the 8-state area. These "unknowns" have not been heard from in any form for a period of 3 or more years.

Various attempts to contact the persons responsible for the listings, in some cases have been unsuccessful. Other cases, owners refuse to cooperate. Any of the "Unknown" listings owners or trustees may get their listing removed from this "Unknown" area. Simply - contact our SERA Records department - ask for a datasheet. Upon receipt, fill it out completely and accurately, sign, and return it to SERA. The returned datasheet will then be passed to the individual Director of the State the listing is from, who will take steps to have the listing re-instated in the main SERA Repeater Database of listings.

Some listings in this "unknown" area may possibly be in some phase of being "de-coordinated" by the District Coordinator (Director).

GEORGIA UNKNOWN LIST

2-METERS			
COLUMBUS	KA4CEK	145.310 -	UNKN
COLUMBUS	W4CVY	146.880 -	UNKN
CONYERS	WB4JEH	145.230 -	UNKN
CONYERS	WB4JEH	146.610 -	UNKN
COOLIDGE	N4JBF	145.170 -	UNKN
#FORSYTH	W4STJ	147.915 -	UNKN
JESUP	WA4EQL	145.190 -	UNKN
JESUP	N4PJR	146.925 -	UNKN
JESUP/SCREVEN	N4PJR	147.345 +	UNKN
LAGRANGE	WB4BXO	147.330 +	UNKN
NEWNAN	K4SEX	145.130 -	UNKN
NEWNAN	K4SEX	146.790 -	UNKN
PINE MT/HAMILTON	WB4ULJ	145.190 -	UNKN
SWAINSBORO	K4VYX	146.790 -	UNKN
VIDALIA	KE4ZZ	146.625 -	UNKN
220 MHZ			
ALPHARETTA	KC4JNN	224.860 -	UNKN
ATLANTA	N4BLR	224.280 -	UNKN
BISKEY MTN	KC4JNN	224.160 -	UNKN
CLAYTON	KI4WR	224.720 -	UNKN
#CONYERS	WB4JEH	224.020 -	UNKN
CUMMING	K4JSR	224.980 -	UNKN
ROCKMART	KC4KLW	224.780 -	UNKN
TEMPLE	KU4PE	224.300 -	UNKN
440 MHZ			
ATLANTA	KE4ZV	443.650 +	UNKN
ATLANTA	KD4LXT	443.875 +	UNKN
ATLANTA	WA4NNO	444.925 +	UNKN
BARNESVILLE	N4GWO	443.675 +	UNKN
#BISKEY MTN	KC4JNN	443.250 +	UNKN
BRUNSWICK	KD4CPO	443.425 +	UNKN
BYRON	KF4XH	443.150 +	UNKN
CLARKESVILLE	K4HCA	442.425 +	UNKN
CONYERS	WB4JEH	442.550 +	UNKN
CONYERS	WB4JEH	444.550 +	UNKN
CONYERS	N4EMM	444.750 +	UNKN
DACULA	KK4IN	443.550 +	UNKN
DECATUR	WB4LBM	444.200 +	UNKN
HAMILTON	WB4ULJ	444.400 +	UNKN
HIGH HOUSE MTN	KD4APP	443.200 +	UNKN
JASPER	KB4MDE	443.425 +	UNKN
JESUP	N4PJR	444.925 +	UNKN
REX	KB4NPO	443.975 +	UNKN
ROCKMART	KC4KLW	443.275 +	UNKN
ROCKMART	KC4KLW	443.525 +	UNKN
SMYRNA	N4IBW	444.650 +	UNKN

KENTUCKY UNKNOWN LIST

6 METERS			
LOUISVILLE	WB4LBR	52.025 +	UNKN
2 METERS			
DRAKESBORO	KF4DKJ	146.820 -	UNKN
#GEORGETOWN	N4CO	147.675 -	UNKN
GREENVILLE	WA4TTC	146.745 -	UNKN
HARLAN	WA4ZAC	147.105 +	UNKN
#JONATHAN CREK	N4SEI	146.985 -	UNKN
#LITCHFIELD	KB4NFK	147.225 +	UNKN
#MARION	KA4FGA	147.285 +	UNKN
#NEBO	AA4NI	146.730 -	UNKN
#NICHOLASVILLE	WB4LBI	146.990 -	UNKN
OWENSBORO	KM4OF	146.865 -	UNKN
OWENSBORO	K4HY	147.210 +	UNKN
PRINCETON	W4KBL	146.670 -	UNKN
#PROVIDENCE	N4IUI	147.330 +	UNKN
220 MHZ			
PIKEVILLE	WB4F	224.580 -	UNKN
440 MHZ			
GLASGOW/CVCTY	KF4DC	444.250 +	UNKN
HAWESVILLE	KB4QFL	444.625 +	UNKN
LOUISVILLE	N4ORL	442.000 +	UNKN
LOUISVILLE	KB4RYM	442.500 +	UNKN
MARION	KR4PF	444.200 +	UNKN
NEBO	AA4NI	444.850 +	UNKN

MISSISSIPPI UNKNOWN LIST

2 METERS			
AMORY	KB5DWX	146.940 -	UNKN
BILOXI	K5TYP	146.790 -	UNKN
CHATAWA	WB5GOJ	145.310 -	UNKN
COLUMBIA	N5SPF	147.285 +	UNKN
COLUMBUS	KA5LVU	145.430 -	UNKN
CORINTH	KA5RPB	145.390 -	UNKN
GREENVILLE	WA5MBA	146.820 -	UNKN
GREENWOOD	KA5TQY	146.715 -	UNKN
GULFPORT	KK5RK	145.330 -	UNKN
IUKA	WB5MFK	146.850 -	UNKN
JACKSON	KB5KGE	145.390 -	UNKN
KOSCIUSKO	W5LWC	146.850 -	UNKN
LOUISVILLE	KC5QGC	147.360 +	UNKN
MCHENRY	KK5RK	147.330 +	UNKN
OXFORD	KC5KLW	145.290 -	UNKN
PASCAGOULA	N5AAY	146.880 -	UNKN
PONTOTOC	WB5NAY	147.380 +	UNKN
PORT GIBSON	KE5WO	146.625 -	UNKN
VICKSBURG	KJ5OB	146.805 -	UNKN
220 MHZ			
BILOXI	K5TYP	224.500 -	UNKN
CORINTH	KA5RPB	224.520 -	UNKN
440 MHZ			
COLUMBUS	KB5ZZC	444.325 +	UNKN
DERBY	KB5OXE	443.975 +	UNKN
GULFPORT	KK5RK	444.250 +	UNKN
INDIANOLA	AB5DU	444.850 +	UNKN
JACKSON	KB5KGE	444.325 +	UNKN
JACKSON, EAST	AA5RZ	443.625 +	UNKN
MCHENRY	KK5RK	444.750 +	UNKN
NATCHEZ	N5IAT	443.800 +	UNKN

NO. CAROLINA UNKNOWN LIST

10 METERS			
BALD CREEK	N1BEC	29.660 -	UNKN
6 METERS			
ASHEVILLE	N4OOC	53.470 -	UNKN
BALD CREEK	N1BEC	53.030 -	UNKN
SAURATOWN MT	N4QLX	53.210 -	UNKN
2 METERS			
AHOSKIE	WB4YNF	145.130 -	UNKN
ASHEVILLE/FLATTP	N4OOC	147.180 +	UNKN
BALD CREEK	N1BEC	147.045 +	UNKN
CROWDERS MT/GAST		WD4PLY 145.450	-
UNKN			
FRANKLIN	W4GHZ	147.240 +	UNKN
GASTONIA/SPCR MT	W4REW	147.120 +	UNKN
KANNAPOLIS	N4JEX	147.300 +	UNKN
LELAND	N4CTJ	145.170 -	UNKN
220 MHZ			
BALD CREEK	N1BEC	224.120 -	UNKN
HENDERSONVILLE	N4UQS	224.960 -	UNKN
WILMINGTON	WB4KPF	224.680 -	UNKN
440 MHZ			
AHOSKIE	WB4YNF	444.200 +	UNKN
ASHEVILLE	KD4GEU	442.650 +	UNKN
BALD CREEK	N1BEC	444.875 +	UNKN
CHARLOTTE	KD4OWV	443.950 +	UNKN
CROWDERS MTN	KD4FRP	443.675 +	UNKN
GASTONIA/SPCR MT	WB4VTE	444.550 +	UNKN
KANNAPOLIS	N4JEX	443.250 +	UNKN
KANNAPOLIS	N4JEX	443.350 +	UNKN
SALISBURY	K0SD	444.575 +	UNKN
WHITAKER MTN	WA4QFV	444.325 +	UNKN

SO. CAROLINA UNKNOWN LIST

2 METERS			
AIKEN	KY4S	145.170 -	UNKN
#CANADYS	WB4FOH	145.390 -	UNKN
COLUMBIA	WB4NEP	146.715 -	UNKN
COLUMBIA	N4EOY	147.360 +	UNKN
GREENWOD/HDGES	KB4CS	145.130 -	UNKN
INMAN	WD8OXE	145.150 -	UNKN
#ORANGEBURG	WB4FOH	146.880 -	UNKN
SUMMERTON	N4LWY	145.150 -	UNKN
SUMTER	W4GL	146.640 -	UNKN
SUMTER	W4GL	147.015 +	UNKN
SUMTER/SHAW	W4VFR	147.060 +	UNKN
220 MHZ			
CHARLESTON	KA4NRL	224.180 -	UNKN
COLUMBIA	KC4SWI	224.640 -	UNKN
COLUMBIA	N4EOY	224.900 -	UNKN
CROSS	KB4VFD	224.580 -	UNKN
FLORENCE	N4JJ	224.940 -	UNKN
ORANGEBURG	KO4BR	224.780 -	UNKN
SUMTER	W4GL	224.120 -	UNKN
SUMTER	K4GYR	224.860 -	UNKN
SUMTER/SHAW	W4VFR	224.660 -	UNKN
WEST SPRINGS	KN4CW	224.440 -	UNKN
440 MHZ			
CHARLESTON	KD4PBC	444.950 +	UNKN
COLUMBIA	N4EOY	443.000 +	UNKN
FLORENCE	N4JJ	444.000 +	UNKN
GOOSE CREEK	N4CNN	421.250 +	UNKN
LEXINGTON	N4GUP	421.250 +	UNKN
SUMTER	W4GL	444.150 +	UNKN
SUMTER	K4GYR	444.500 +	UNKN

TENNESSEE UNKNOWN LIST

6 METERS			
GUTHRIE (TN/KY)	KA4ZKL	53.230 -	UNKN
2 METERS			
CHARLESTON	KD4LDU	147.060 -	UNKN
#KNOXVILLE	KD4CWB	147.000 -	UNKN
LAFOLLETTE	KA4OAK	145.130 -	UNKN
LAFOLLETTE	KA4OAK	147.360 +	UNKN
LAKE CITY	WB4OAH	146.820 -	UNKN
LEBANON	WB4DOR	145.390 -	UNKN
MCMINVL/SHT MT	WB4LHO	145.490 -	UNKN
MEMPHIS	KE4LFZ	146.730 -	UNKN
MEMPHIS	N4WAH	147.120 +	UNKN
MORRISTOWN	WB4OAH	147.225 +	UNKN
MURFREESBORO	WB4LHO	145.170 -	UNKN
NASHVILLE	K4AYN	147.045 +	UNKN
NASHVILLE	WB4NTM	147.360 +	UNKN
NASHVILLE W	WB4NTM	146.640 -	UNKN
NASHVILLE W	WB4NTM	146.670 -	UNKN
RIDGETOP	WD4FFM	145.290 -	UNKN
SAVANNAH	WB4DQU	146.910 -	UNKN
SHELBYVILLE	N4VFB	147.060 +	UNKN
SHORT MTN	W4YXA	146.910 -	UNKN
TRENTON	KN4KP	146.865 -	UNKN
WALLAND	KB4PIO	146.685 -	UNKN
220 MHZ			
CLEVELAND	KK4US	224.320 -	UNKN
LAFOLLETTE	KA4OAK	224.280 -	UNKN
MORRISTOWN	N4RBB	224.400 -	UNKN
NASHVILLE	WB4NTM	224.080 -	UNKN
NASHVILLE	WA4PCD	224.940 -	UNKN
SEVIERVILLE	N2FUV	224.440 -	UNKN
440 MHZ			
CHATT/MONTLAKE	MKD4UWA	444.875 +	UNKN
FRANKLIN	N4ULM	443.850 +	UNKN
JACKSON	WB4EPG	442.800 +	UNKN
JACKSON	WB7BOX	444.875 +	UNKN
MEMPHIS	N4WAH	444.500 +	UNKN
#MORRISTOWN	KD4LP	444.800 +	UNKN
NASHVILLE	KJ4ZQ	421.250 +	UNKN
NASHVILLE	WB4NTM	444.150 +	UNKN
1270 MHZ			
BARTLETT	N4WAH	421.250 +	UNKN
NASHVILLE	KD4EEW	439.250 +	UNKN

VIRGINIA UNKNOWN LIST

2 METERS			
NORFOLK	WA4ZUA	145.170 -	UNKN

WEST VIRGINIA UNKNOWN LIST

6 METERS			
MARMT/CHARLSTN	N8PEI	53.750 -	UNKN
2 METERS			
LEON	WD8OHX	147.180 +	UNKN
MORGANTOWN	K8LG	145.430 -	UNKN
SPENCER	WT8Z	147.105 +	UNKN
ST MARYS/BENS R	WB8ECC	147.030 +	UNKN
220 MHZ			
#LEON	WD8OHX	223.780 -	UNKN
440 MHZ			
MORGANTOWN	K8LG	444.700 +	UNKN
WHEELING	N8EKT	444.975 +	UNKN

Is your repeater listed as a Full Member of SERA. We invite you to become a Full Member. See the application located at the end of the Frequency index Listing.

MILLIONS AND MILLIONS OF DOLLARS WORTH OF HAM EQUIPMENT

SPECIAL SHOWS!

SPECIAL DEALS!

More Choices!
More Variety!
More Listings!
More Shows!
Better Shows!

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You gotta love 'em!

SERA REPEATER INDEX LISTINGS BY FREQUENCY

SUB-TONE ACCESS FREQUENCY, IF USED BY REPEATER, IS LISTED

10 METERS

29.6000 / 29.6000
W4CM NEWPORT NEWS ..... VA
29.52 0 / 29.6200
KF4XH #MACON ..... GA
29.5200 / 29.6200
KQ4XL MONROE ..... GA
KC4XE WILKESBORO ..... NC
WB4IUY ZEBULON ..... NC
W4ZJM MEMPHIS ..... *# TN
KA8OTX BECKLEY ..... WV
29.5400 / 29.6400
N4NEQ ATL/MARIETTA ..... 118.8 GA
KK4CZ LOUISVILLE ..... KY
W4CAT GALLATIN/BNA ..... 107.2 TN
WB4NKM GREENEVILLE ..... TN
WB8CQV CHARLESTON ..... WV
29.5600 / 29.6600
K4GRW NEWPORT ..... NC
N4JEH ROCKY MOUNT ..... NC
KQ7E SUMTER ..... SC
WA4YGM UNION CITY ..... TN
KE4QOX FANCY GAP ..... 123.0 VA
WA8YWO RICHWOOD ..... 100.0 WV
29.5800 / 29.6800
N4BZJ DALTON ..... GA
WW4DC THOMASVILLE ..... 88.5 NC
KE4QOX BLUEFIELD ..... 107.2 VA

6 METERS

51.2000 / 51.7000
WA4YNZ #CUMMING ..... GA
52.5250 / 52.5250
WW4DC THOMASVILLE ..... 88.5 NC
52.0100 / 53.0100
WA4YNZ #ROSWELL ..... GA
KC4QK #ASHLAND ..... 107.2 KY
N5EKR ELLISVILLE ..... MS
K4GRW NEWPORT ..... NC
KE4QOX THOMASVILLE ..... 88.5 NC
N0WFL BLYTHEWOOD ..... SC
WM4T GRAY/HOLSTON MT ..... TN
WA4KOG MEMPHIS ..... TN
WA4BGK NASHVILLE ..... 114.8 TN
K4IZR LEXINGTON/ROCK MT. ..... VA
52.0300 / 53.0300
NA4I AUGUSTA ..... GA
K4ITL RALEIGH ..... NC
KF4FTD MORRISTOWN ..... TN
52.0500 / 53.0500
K5HYE MENDENHALL ..... MS
AB5MU NETTLETON ..... 192.8 MS
WA4PXV #GRANDFATHER MT ..... NC
N4JEH ROCKY MOUNT ..... NC
WA4BGK GALLATIN ..... 114.8 TN
52.0700 / 53.0700
WB4AEG CARTERSVILLE ..... 123.0 GA
N4TPL MONTICELLO ..... 100.0 KY
KD4FWS MT.AIRY/FANCY GP ..... 100.0 NC
WB4IUY ZEBULON ..... 88.5 NC
KB4MIC GUM SPRING ..... VA
52.0900 / 53.0900
KD4DKW ATL/MARIETTA ..... 118.8 GA
WB4PLA MARS HILL ..... NC
KF4IXW REELSBORO ..... 162.2 NC
KC4VHQ WAVERLY ..... TN
WB8BON ROANOKE/POOR MT ..... VA
52.1100 / 53.1100
W4GR LAWRENCEVILLE ..... 103.5 GA
N4XTF GASTONIA/CRWDR ..... NC
KD4BGD LUMBERTON ..... NC
WD4GYN OAK RIDGE ..... TN
KB4YKV AMELIA COURTHSE ..... VA
N8COQ FLATWOODS ..... WV
52.1300 / 53.1300
N4BZJ DALTON ..... GA
N4EQT LAWRENCEBURG ..... 107.2 KY
WA4FOT HENDERSONVILLE ..... 131.8 NC
WB4GJG DANVILLE(DCC) ..... VA
52.1500 / 53.1500
WB4IOB KNXVL/ENG MT ..... TN
N4CH BEDFORD/THAX MT ..... VA
52.1700 / 53.1700
N4RBT CLEVELAND ..... GA
WW4DC THOMASVILLE ..... 88.5 NC
K4BGW LAFOLLETTE ..... TN
KE4SFU RICE ..... VA
KE4QOX LOGAN ..... WV
52.1900 / 53.1900
KN4AS LITTLE MOUNTAIN ..... 156.7 SC
WA4UCE COOKEVILLE ..... TN
W8WDK ALDERSON ..... WV
52.2100 / 53.2100
N1KDO MARIETTA ..... 79.7 GA
N4WWB GATE CITY ..... VA
K8WGB GASSAWAY ..... 123.0 WV
52.2300 / 53.2300
KD4JFN PITTSBORO ..... 107.2 NC
KQ4E MORRISTOWN ..... TN
52.2500 / 53.2500
KF4BMG MARIETTA ..... 79.7 GA
WA4PEN RALEIGH ..... NC
WA4YON #KNOXVILLE ..... TN
KT4QW NEWPORT NEWS ..... 100.0 VA
N4CH ROANOKE ..... VA
52.2700 / 53.2700
KA4UHL NANCY ..... 100.0 KY
N4DRL BYHALIA ..... MS
KD4GYM GILBERT ..... 162.2 SC
52.2900 / 53.2900
KE4PN PINE LOG MT. ..... 198.2 GA
KF4UAQ LOUISVILLE ..... KY
KF4SXO CHESTER ..... SC
WA4CQK FANCY GAP ..... 100.0 VA
52.3100 / 53.3100
KD4SQB ROAN MTN ..... TN
KB8TJH SHIRLEY ..... WV
52.3300 / 53.3300
KD4FVI CRAWFORD ..... 88.5 GA
AD4CC HIGHLAND HEIGHTS ..... KY
N4ZHC CLINTON ..... NC
52.3500 / 53.3500
WR4BEG SOPHIA/RANDLMN ..... NC
W4AM CHATTANOOGA ..... TN
NU5O MCNAIRY ..... 107.2 TN
52.3700 / 53.3700
KD4MYE YOUNGSVILLE ..... NC
KC4PDQ MARYVILLE ..... TN
52.3900 / 53.3900
KA4UFM DECATUR ..... GA
KF4XH #MACON ..... GA
KE4RKF WAYNESBURG ..... 100.0 KY
KC4YOZ #RANLO ..... 107.2 NC
WB3R AMELIA ..... VA
52.4100 / 53.4100
WA1YYN EFLAND ..... 107.2 NC
KO4MZ GVL/CSR'S HEAD ..... 131.8 SC
52.4300 / 53.4300
KC4ZIZ BOLINGBROKE ..... GA
WA4DBY LOUISVILLE ..... 151.4 KY
AD4DN WILMINGTON ..... 88.5 NC
K4GX KINGSPORT ..... TN
KD4SUU CHESTERFIELD ..... VA
N4GBO VESTA ..... 107.2 VA
52.4500 / 53.4500
KC5PIA LAUREL ..... MS
W4UNC CHAPEL HILL ..... NC
52.4 "00 / 53.4700
N4UOX DOUGLASVILLE ..... 88.5 GA
KE4JYN PEARISBURG ..... 107.2 VA
52.5500 / 53.5500
N4CQJ KNOXVILLE ..... 100.0 TN
K4RJK MEMPHIS ..... TN
52.5700 / 53.5700
KD4AOZ WATKINSVILLE ..... GA
KE4LGL LEXINGTON ..... KY
KE4KEH LYNCHBURG ..... VA
52.5900 / 53.5900
KE4QOX KVILLE/HIPOINT ..... 156.7 NC
KF4IWA MOUNTAIN REST ..... SC
WB8YST BECKLEY ..... 107.2 WV
52.6300 / 53.6300
K4JWJ MT MITCHELL ..... 100.0 NC
WB8YST CHARLESTON ..... 107.2 WV
52.6500 / 53.6500
KC4SBJ ROCKY MOUNT ..... NC
KB4YFV WHITE TOP MTN ..... VA
52.6700 / 53.6700
WA4WRS BARIUM SPRINGS ..... NC
51.2000 / 53.7000
KE4OVN DRESDEN ..... 107.2 TN
52.7100 / 53.7100
WB8YST RICHWOOD ..... 107.2 WV
51.2200 / 53.7300
K4YC IVEY/MACON ..... 88.5 GA
52.7500 / 53.7500
W4YWH HIGHLAND HEIGHTS ..... KY
WA4PXV #WEST JEFFERSON ..... NC
K4GX #ROGERSVILLE ..... 114.8 TN
52.7700 / 53.7700
W4GL SUMTER ..... SC
52.8100 / 53.8100
WD4KNE #STANTON ..... KY
W4EBM FAYETTEVILLE ..... NC
52.8900 / 53.8900
KB0Y LAKE PARK ..... 141.3 GA
WA4OHX HAMPTON ..... VA
52.9300 / 53.9300
W4GMM MEMPHIS ..... 107.2 TN
52.9700 / 53.9700
KD4FWS MT.AIRY/FANCY GP ..... 100.0 NC
52.5250 / 145.2100
N4ARK NASHVILLE ..... TN

2 METERS

144.6100 / 52.5250
N4ARK NASHVILLE ..... TN
144.5100 / 145.1100
N4MXC COCHRAN ..... 107.2 GA
KR4HV DOUGLASVILLE ..... 88.5 GA
KC4UPE LEESBURG ..... 192.8 KY
K5HYE MENDENHALL ..... 100.0 MS
KC5NIX OKOLONA ..... MS
W5WA PASCAGOULA ..... 123.0 MS
KB4TOH COLUMBIA ..... 131.8 NC
KR4RR ROBBINSVILLE ..... 151.4 NC
KD4MYE YOUNGSVILLE ..... 88.5 NC
WB4TWX FORT MILL ..... SC
W4GS MYR BCH/CONWAY ..... SC
NQ4Y COOKEVILLE ..... TN
WM4T GRAY ..... 100.0 TN
KD4GCT JACKSON ..... TN
N4ARK NASHVLE/FAIRVIEW ..... TN
WA4CQK FANCY GAP ..... 100.0 VA
K4YPE RICHMOND ..... VA
N8RV FROST ..... WV
K8SA SALT ROCK ..... 110.9 WV
144.5300 / 145.1300
KB0Y VALDOSTA ..... 141.3 GA
N4RBL LOUISVILLE AREA ..... 151.4 KY
KJ4VF MOREHEAD ..... KY
W4RNC RALEIGH ..... 88.5 NC
K4JR SUMTER ..... SC
K4CMY CHATTANOOGA ..... TN
N4SSB GALLATIN ..... 107.2 TN
KF4SCT MEMPHIS ..... 107.2 TN
N4VL GALAX/LKOUT MT ..... 103.5 VA
KB8EUN GLENVILLE ..... WV
144.55 0 / 145.1500
K8VE PHILIPPI ..... 103.5 WV
144.5500 / 145.1500
W4AQL ATLANTA ..... GA
K4YC IVEY/MACON ..... 77.0 GA
WB9SHH MONTICELLO ..... KY
AD4BI PIKEVILLE ..... 107.2 KY
K5LFP PICAYUNE ..... MS
K2IMO ELM CITY ..... 88.5 NC
W4GSO GREENSBORO ..... NC
KE4ZTD HATTERAS ISLAND ..... 131.8 NC
W4NHV #LUMBERTON ..... NC
W4RJC DECATUR-PONE KB ..... TN
W4XS FRANKLIN ..... TN
K0JXI MEMPHIS ..... TN
K4ARO GREENBAY ..... VA
KA4IXK RADFORD/RINER ..... VA
144.5700 / 145.1700
WA4DIW JONESBORO ..... GA
W8PRH HALLS GAP ..... KY
N5DWU PETAL ..... 136.5 MS
K4DCR ANDSON MT/DENVER ..... 88.5 NC
N4NCK OXFORD ..... NC
KF4SCT BRUCETON ..... 107.2 TN
WB4GBI KNOXVILLE ..... TN
WV8B BECKLEY/BOLT ..... 100.0 WV
144.5900 / 145.1900
WB0QGH LAWRENCEVILLE ..... GA
KB4SQI SALYERSVILLE ..... 127.3 KY
K5YD BOONEVILLE ..... MS
W5CJR HATTIESBURG ..... 136.5 MS
KA4SQN JACKSONVILLE ..... NC
WA4BVW MT MITCHELL ..... NC
K4GWH RALEIGH ..... 156.7 NC
N0YVN COLUMBIA ..... SC
N4OTT CARTHAGE ..... TN
KD4XV JASPER ..... 127.3 TN
WB3R AMELIA ..... VA
WB8YJJ RICHWOOD ..... WV
KA8YEZ WHEELING ..... WV
144.6100 / 145.2100
KC4RRO EASTMAN ..... GA
WA4EPK FAYETTEVILLE ..... GA
W8PRH LEXINGTN/GRGTWN ..... KY
KB5IKR BENDENHALL ..... 100.0 MS
K4OLC HIGH PEAK MTN ..... 94.8 NC
WB4TQD TRENTON ..... NC
NS4SC LEXINGTON ..... SC
W4BBB KNOXVILLE/RACK ..... 100.0 TN
W2GLJ MEMPHIS ..... TN
N4ARK NASHVILLE ..... TN
W2MS KILMARNOCK ..... VA
N2EDE ROANOKE/POOR MT. ..... VA
WB8FEQ HUNTINGTON ..... WV
144.6300 / 145.2300
KB0Y CRESTVILLE ..... 141.3 GA
KS4BS DALTON ..... GA
K4BR WAYNESBORO ..... GA
W8PRH LOUISVILLE ..... KY
KC5VZI #NEW ALBANY ..... MS
N4VBH BEULAVILLE ..... NC
W4UNC CHAPEL HILL ..... 131.8 NC
W4BFB CHARLOTTE ..... NC
W4CAT LAVERNE ..... TN
KB4KIE MAYNARDVILLE ..... TN
KE4NTL RIPLEY ..... 100.0 TN
N4CH BEDFORD ..... VA
W4MT NEWPORT NEWS ..... 100.0 VA
N8FWL BECKLEY/OAK HILL ..... 100.0 WV
144.6500 / 145.2500
N4YYD CHATSWORTH ..... 71.9 GA
K4YC IVEY ..... GA
AD4YJ LEXINGTON ..... 110.9 KY
N4GGD GREENSBORO/LVLX ..... 88.5 NC
WA4USN CHARLESTON ..... 123.0 SC
K4USC UNION ..... SC
KT4WS CARLISLE ..... TN
N4WXS ERWIN/PINNACLE ..... TN
KD8RXK BLUEFIELD ..... 100.0 VA
KQ4RH MONTPELIER ..... VA
144.6700 / 145.2700
KT4X SANDERSVILLE ..... 77.0 GA
KE4PN WALESKA/PNLGMT ..... 103.5 GA
N4KJU PAINTSVILLE ..... KY
KD4BOH ROCKPORT ..... KY
N5NBG WALLS ..... 162.2 MS
KB5DZJ WIGGINS ..... 136.5 MS
K4ROK FARMVILLE ..... 131.8 NC
WA4KNI HENDSVL/BERWLW ..... NC
KM4AR MIDWAY ..... 77.0 NC
KC4GYM COLUMBIA ..... 127.3 SC
WB4WZK HENDERSONVILLE ..... TN
KD4CLA PIGEON FORGE ..... 100.0 TN
N8FMD BIRCH RIVER ..... 103.5 WV
144.6900 / 145.2900
W4IBM ATLANTA ..... GA
NA4I AUGUSTA ..... 100.0 GA
WR4MG PERRY ..... 107.2 GA
AC2DC LOUISVILLE ..... 151.4 KY
N4VOS STANTON ..... KY
WJ5L VICKSBURG ..... MS
W4BFB CHARLOTTE ..... NC
KO4XC CLAYTON ..... NC
WN3X COINJOCK ..... NC
KB4BPV #HIGH POINT ..... 88.5 NC
W4AM CHATTANOOGA ..... 67.0 TN
WB4SQC JOHNSON CITY/HOL ..... TN
N4UTN RUSTBURG ..... VA
KA8ZXP GLENVILLE ..... WV
144.7100 / 145.3100
WA4JDR STOCKBRIDGE ..... GA
KC4KZT DAVID ..... KY
KC4WPM BAKERSVILLE ..... NC
WD4IIP LEXINGTON ..... 88.5 NC
K4ITL ROSEBORO ..... NC
KD4KOJ BEAUFORT ..... SC
KT4DG CHESTER ..... SC
WA4PNI ATHENS ..... 141.3 TN
KF4SC JACKSON ..... TN
KC4ECD LAFAYETTE ..... 151.4 TN
KD4KWP CHESTERFIELD ..... 127.3 VA
N8FCJ BECKLEY/LAYLAND ..... 100.0 WV
KB8TJH SHIRLEY ..... WV
144.7300 / 145.3300
KF4ODO EASTMAN ..... 77.0 GA
WA4QGE JONESBORO ..... GA
N4XGI ST SIMONS ISLAND ..... 131.8 GA
KF4INN VERSAILLES ..... KY
N4DRL BYHALIA ..... MS
KK4YP GOLDSBORO ..... 100.0 NC
N4VRD MOUNT AIRY ..... 100.0 NC
KF4JVI TRYON ..... NC
WA4DFP BAMBERG ..... SC
WD4DBJ CUMBERLAND CITY ..... TN
WA4TEM KNOXVILLE ..... TN
KE4ZBH FARMVILLE ..... VA
W4VB NORFOLK ..... VA
WR8M WILLIAMSON ..... WV
144.7500 / 145.3500
W4DOC ATLANTA ..... 146.2 GA
W4GTA LOOKOUT MTN ..... 100.0 GA
AI4HB RADCLIFF ..... 173.8 KY
KD4DAX WILLIAMSBURG ..... KY
KA5WMH OLIVE BRANCH ..... MS
N5ZMZ UTICA ..... MS
WA4AOS CHARLOTTE ..... NC
WD4JPQ GREENVILLE ..... 131.8 NC
KE4OVN DRESDEN ..... 107.2 TN
WD4JYD NOLENSVILLE ..... TN
WA4ZJ BLAND ..... 103.5 VA
KF4LWH SOUTH BOSTON ..... VA
W8GK CHARLESTON ..... 91.5 WV
W8SP FAIRMONT ..... 103.5 WV
144.7700 / 145.3700
AA4UA AUGUSTA ..... GA
KB4IZF JASPER ..... 100.0 GA
W4BKM MACON ..... GA
KE4YVD RICHMOND ..... 192.8 KY
K5LJX HATTIESBURG ..... 136.5 MS
N5PYQ SOUTHAVEN ..... 107.2 MS
WA4GN N. WILKESBORO ..... NC
N4NCK OXFORD ..... NC
K4PPD SHALLOTTE ..... NC
KB4KIE KNOXVILLE ..... TN
WR3S NASHVILLE ..... TN
W4HZL GLOUCESTER ..... 100.0 VA
KC4RBA LYNCHBURG ..... VA
N8TNB BECKLEY/EOC ..... WV
K8VNQ PARSONS ..... 118.8 WV
144.7900 / 145.3900
K4HYB GRIFFIN ..... 88.5 GA
WF4N #CENTRAL CITY ..... KY
N4EQT LAWRENCEBURG ..... 107.2 KY
WD8IFH SO. PORTSMOUTH ..... KY
N4ZVN MONROE/UCARS ..... NC
K4ITL ROANOKE RAPIDS ..... 118.8 NC
W4AM CHATTANOOGA ..... TN
W4WC GREENEVILLE ..... TN
K4ARO ROANOKE/POOR MT ..... 107.2 VA
WD8EOM WESTON ..... WV
144.8100 / 145.4100
W4PME ATLANTA/BELL ..... 100.0 GA
NA4I AUGUSTA ..... GA
WR8CRA #COVINGTON ..... KY
WA4MXO JACKSON ..... KY
KC5IF D'IBERVILLE ..... MS
N5DWU MERIDIAN ..... 136.5 MS
N4XO HIGH POINT ..... NC
K4SER WILLIAMSTON ..... 131.8 NC
W4WBT #ROCK HILL ..... SC
W4VIH DOVER ..... TN
WB4NKM GREENEVILLE ..... TN
K5FE MEMPHIS ..... 107.2 TN
NQ4Y MONTEAGLE ..... 114.8 TN
KF4ADM WILLIAMSBURG ..... 127.3 VA
N8FHE BUCKHANNON ..... WV
WV8AR LIBERTY ..... 123.0 WV
W8IFL UNION ..... WV
144.8300 / 145.4300
K4LCI ATLANTA ..... GA
KA4EIM JESUP ..... GA
AA4RI MACON ..... GA
KA5BEE GLOSTER ..... 136.5 MS
KU4W RAEFORD ..... 118.8 NC
K4QFQ SPARTA/GREEN MT ..... NC
KF4GHC GILBERT ..... 156.7 SC
KB4YTU BROWNSVILLE ..... TN
KF4SCT BUCKSNORT ..... 107.2 TN
WA4UCE COOKEVILLE ..... TN
WB4YLC KNOXVILLE ..... TN
AD4OV COEBURN ..... 103.5 VA
W4SQT RICHMOND ..... VA
144.8500 / 145.4500
W4BOC DECATUR ..... GA
KC4TX LEXINGTON ..... KY
WX5P FULTON ..... MS
N5ZQC SHARON ..... 100.0 MS
WR4AGC DURHAM ..... NC
K4GRW NEWPORT ..... NC
WD4EOG CLEMSON UNIVERSI ..... SC
K4SIR BENTON ..... TN
WA4KOG MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KF4GHD #MT PLEASANT ..... 127.3 TN
AA4HQ SALUDA ..... VA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

N8LGY GRANTSVILLE .....103.5 WV
WB8SXZ WELCH ..... WV
144.8700 / 145.4700
KD4HMH BONAIRE ..... GA
KF4UM RICEBORO ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
WB4GGH BARDSTWN/NELSN ..... KY
KF4ZTB HUEYSVILLE .....79.9 KY
WA4WMM MAYSVILLE ..... KY
KF4SCT OXFORD .....107.2 MS
W4OIX KINSTON ..... NC
W4NC SAURATOWN MT .....100 NC
KN4RG GAFFNEY .....141.3 SC
KI4CB MYR BCH/CONWAY .....179.9 SC
WB4GBI KNOXVILLE ..... TN
KF4RBR #MOUNTAIN CITY .....103.5 TN
N4ARK NASHVILLE ..... TN
N4ZCM SOUTH HILL ..... VA
W8FG SUMMERSVILLE .....100.0 WV
144.8900 / 145.4900
W4DV AUGUSTA ..... GA
KA4WUJ CORDELE .....103.5 GA
W4LMA MARIETTA ..... GA
W4KVK HENDERSON ..... KY
WB4CWF LEXINGTON ..... KY
N5DWU RICHTON .....136.5 MS
N5VGK TUPELO ..... MS
NT4K FRANKLIN ..... NC
WB4IKY GIBSONVILLE .....107.2 NC
W4BWC RALEIGH .....88.5 NC
W4APE CHERAW ..... SC
WA4KOG BRADEN ..... TN
W8MOP BLUEFIELD ..... VA
WA4OHX HAMPTON ..... VA
WV8G PARKERSBURG ..... WV
146.0100 / 146.6100
W4CVY COLUMBUS ..... GA
WD4KWV CORBIN ..... KY
KC4FRA MADISONVILLE ..... KY
KC5QZW LAUREL ..... MS
WD4JMS NEW BERN .....100.0 NC
WB4TOP RALEIGH .....131.8 NC
KC4WIF ELLOREE .....118.8 SC
W4NYK GRNVLE/CSRS HD ..... SC
W4AM CHATTANOOGA ..... TN
WA4PCD NASHVILLE ..... TN
K4JP ABINGDN/BRMLY MT ..... VA
WA4YSE CHESAPEAKE ..... VA
W4WWQ LYNCHBURG ..... VA
WB8MZI GASSAWAY ..... WV
146.0250 / 146.6250
N4UJT ELBERTON ..... GA
K4ULW WEBSTER .....151.4 KY
KC5ULN COLUMBUS ..... MS
N4WET BANNER ELK/SUGAR ..... NC
K4USB BUXTON .....131.8 NC
N4HRR LAURINBURG ..... NC
KF4SXO CHESTER ..... SC
KF4TNP CORNERSVILLE .....107.2 TN
WB4GBI KNOXVILLE .....100.0 TN
N4ABU MARTIN ..... TN
WV8B FLAT TOP/WINTRPL.....100.0 WV
146.0400 / 146.6400
W4FWD CARROLLTON .....131.8 GA
AE4PO WAYCROSS .....141.3 GA
WA4UXJ CANE VALLEY ..... KY
WA4YZY #PINEVILLE .....100.0 KY
K5XU MADISON ..... MS
WB5NAY MOOREVILLE ..... MS
WB4YAO HENDERSONVILLE ..... NC
W4DW RALEIGH .....88.5 NC
W4NC WINSTON-SALEM .....100 NC
KA4QYI HARRIMAN .....100.0 TN
WB4KQQ MEMPHIS ..... TN
W4WIC FINCASTLE ..... VA
N4QLF MARION .....103.5 VA
WB4QEY RICHMOND ..... VA
WB8EZR HUNTINGTON/CHAS ..... WV
146.0550 / 146.6550
N4NFP ATLANTA/MARIETTA .....118.8 GA
W4WSM BOWLING GREEN-SO ..... KY
WD4DZC DANVILLE ..... KY
K4CUW PADUCAH ..... KY
KC5ZZH MERIDIAN ..... MS
K4CEB CONCORD/KANNAP. ..... NC
WA4VTX ELIZABETH CITY ..... NC
KD4KOJ BEAUFORT ..... SC
KD4AOK BROWNSVILLE ..... TN
KM4ME LAWRENCEBURG ..... TN
W4OLB MARYVILLE/ALCOA ..... TN
WA4ISI ALTAVISTA ..... VA
N8ZPX FLATWOODS .....123.0 WV
N8SNW IAEGER ..... WV
146.0600 / 146.6600
W4BKM MACON ..... GA
146.0700 / 146.6700
W4ABP GAINESVILLE .....131.8 GA
KF4SJO HAZARD ..... KY
K5DGL NEW ALBANY ..... MS
KB5ZCX PURVIS ..... MS
K4FHB BURLINGTON ..... NC
WA4BKU FOREST CITY ..... NC
AD4DN WILMINGTON .....88.5 NC
AD4U #ST. MATTHEWS .....156.7 SC
W4UD BRISTOL ..... TN
K4BGW LAFOLLETTE/WMT ..... TN
K4HZS DUBLIN ..... VA
W4NTG WILLIAMSBURG ..... VA
WD8JNU RAVENSWOOD ..... WV
146.0850 / 146.6850
WD4IWL ADAIRSVILLE ..... GA
KB4KZY FAYETTEVILLE ..... GA
KE4ISR LEXINGTON ..... KY
KE4RNM OWENSBORO .....110.9 KY
W5KHB NATCHEZ ..... MS

W4NBR GRIFTON .....88.5 NC
KE4WSX STATESVILLE ..... NC
K4USC UNION ..... SC
WA1ZMS BEDFORD/APL ORCH.....100.0 VA
N4SWG FAYETTEVILLE .....103.5 WV
WB8NAM DANVILLE ..... WV
146.1000 / 146.7000
W4MM ALBANY ..... GA
W4OOM JASPER ..... GA
KD4BWK LAGRANGE .....141.3 GA
WB4DOJ MILLEDGEVILLE .....67.0 GA
K4NLX SAVANNAH ..... GA
KY4KY BROOKS .....151.4 KY
KF4JO GRAYSON ..... KY
WB4FUR BAY ST. LOUIS ..... MS
W5LV GRENADA ..... MS
W5FQ MERIDIAN ..... MS
KD4GLB CROSSNORE .....167.9 NC
N4CID DUNN ..... NC
W4PAX LANCASTER ..... SC
KF4FOF PICKENS ..... SC
KF4BVQ ANDERSON CTY .....100.0 TN
W4UOT MANCHESTER .....114.8 TN
WB4MMI RAMER .....107.2 TN
WA4YGM UNION CITY ..... TN
K4AIJ DANVILLE/WHT OAK.....107.2 VA
KF8PT NORFOLK ..... VA
KK4QS PENNINGTON GAP ..... VA
KD4WWF STAUNTON .....131.8 VA
146.1100 / 146.7100
KF4FO HOPKINSVILLE ..... KY
146.1150 / 146.7150
K4NVG LAVONIA .....100.0 GA
W4ABZ RINGGOLD .....67.0 GA
KI4B BEREA ..... KY
KD4JFN HARRIVER .....107.2 NC
N4GGN MILLERS CREEK ..... NC
KB4JUB SALTILLO ..... TN
W9KIC BLACKSBURG ..... VA
KA4DZU WALKERTON ..... VA
KD8GL SHERRARD ..... WV
146.1300 / 146.7300
W4MM ALBANY ..... GA
KD4NC ATLANTA/SWEAT MT ..... GA
W4TAE BRUNSWICK ..... GA
AC4AO LEXINGTON ..... KY
KC5IF BILOXI ..... MS
W5VZF STARKVILLE ..... MS
W4BWC RALEIGH .....88.5 NC
W4EXU SALISBURY .....94.8 NC
W4VNK WILMINGTON ..... NC
K4NAB N. AUGUSTA ..... SC
WD4BJY SIMPSONVILLE ..... SC
WB4IOB KNXVL/ENG MT ..... TN
WA4KPA WATERTOWN .....100.0 TN
W4QK HAMPTON ..... VA
WB8SPW LEWISBURG .....100.0 WV
146.1450 / 146.7450
WA4BKF ATHENS ..... GA
KD4RTR MILLARD .....141.3 KY
KC4QPR MORGANTON ..... NC
NN4N DILLON/PEE DEE ..... SC
WB4RCK DYERSBURG ..... TN
KC4WHL HARRIMAN ..... TN
KA4ROA ROANOKE/POOR MT .....107.2 VA
WF8U PARKERSBURG (OH)..... WV
146.1600 / 146.7600
KS4QA LOOKOUT MTN .....67.0 GA
W4BOC STONE MT .....107.2 GA
KF4BJM VALDOSTA .....141.3 GA
K4KJQ LEXINGTON ..... KY
K4CUW PADUCAH ..... KY
W5AXQ JACKSON ..... MS
WA4BVW ASHVL/MT PISGAH ..... NC
K4GWH GREENSBORO .....88.5 NC
KO4S SWANSBORO ..... NC
WB4THL WILSON ..... NC
K4ESQ MT PLEASANT ..... SC
K4JP BRSTL/HOLSTN MT ..... TN
WA4PCD NASHVILLE .....114.8 TN
WA4TFZ CHARLOTTESVILLE .....88.5 VA
KB4ZIN WILLIAMSBURG ..... VA
W8VA HUNTINGTON ..... WV
W8CUL MORGANTOWN ..... WV
W8ZQ WHEELING ..... WV
146.1750 / 146.7750
N4NFP MARIETTA .....118.8 GA
KB4NA WRENS ..... GA
W4PPM MIDDLESBORO ..... KY
KJ4OG TOMPKINSVILLE ..... KY
AE4SK VANCEBURG ..... KY
W5CJR HATTIESBURG .....136.5 MS
NC4SU RALEIGH .....88.5 NC
K4JYH SOUTHPORT ..... NC
KF4GHC FORT JACKSON .....156.7 SC
KF4SCT FRUITLAND .....107.2 TN
W4JVO PULASKI/MUSIC MT ..... TN
WB3T WYTHEVILLE .....107.2 VA
KB8BWZ ELKINS ..... WV
146.1900 / 146.7900
KD4GEY FOLKSTON ..... GA
WD4KOW MOULTRIE ..... GA
W4YWH HIGHLAND HEIGHTS ..... KY
KA4UHL NANCY .....100.0 KY
K4OAR CLINTON ..... NC
KK4AT SAURATOWN MT .....107.2 NC
N4AW ANDERSON/SAS MT ..... SC
WA4USN CHARLESTON ..... TN
W4ANM CHATTANOOGA ..... TN
W4ABR JOHNSON CITY ..... TN
W4KIB MEMPHIS .....107.2 TN
W4SQE NASHVILLE ..... TN
N4SD CHESAPEAKE ..... VA
NM8T OAK HILL ..... WV
146.2050 / 146.8050

K4PDQ MACON .....77.0 GA
KA4NNE GUTHRIE ..... KY
W8PRH HAZARD ..... KY
KF5C STARKVILLE .....192.8 MS
WA4WG FAYETTEVILLE ..... NC
K4GNC GASTONIA/CRWDR ..... NC
W4DCG ROCKY MOUNT .....118.8 NC
KF4ATU ORANGEBURG .....156.7 SC
W4EYJ CROSSVILLE ..... TN
WB4VXX #LEWISBURG ..... TN
KB6BUL SELMER .....127.3 TN
WA4HTI COVINGTON ..... VA
W4ML MECHANICSVILLE ..... VA
147.4050 / 146.8050
KC4AQS CALHOUN/JASPER ..... GA
W4DJB CANTON ..... NC
KF4EII CLAYPOOL HILL .....103.5 VA
146.2200 / 146.8200
W4MM ALBANY ..... GA
W4DOC ATLANTA .....146.2 GA
K4HVK KIBBEE ..... GA
W4CMR IRVINE .....192.8 KY
K5HYE MAGEE .....100.0 MS
WB4PZA ROARING GAP ..... NC
K4GMP WILMINGTON .....88.5 NC
WA4WYK GRNVLE/PARIS MT ..... SC
W4BS MEMPHIS ..... TN
AB4SW WINCHESTER ..... TN
N4WWB GATE CITY ..... VA
WB8IFS CHARLESTON ..... WV
146.2350 / 146.8350
KC4GSS THOMSON ..... GA
KC4ZOX SALVISA .....192.8 KY
WB4PLA #ASHEVILLE ..... NC
W4PCN NAGS HEAD/BODIE ..... NC
W4USH MARYBESBORO ..... NC
KT4YW CHARLESTON ..... SC
KB4YTM HUNTINGDON ..... TN
W4LYR WATERTOWN .....100.0 TN
KK4EH GRUNDY/BIG A MT ..... VA
N4UTN RUSTBURG/LONG MT.....173.8 VA
147.4350 / 146.8350
N4KHQ DAHLONEGA .....100.0 GA
N5DWU ELLISVILLE ..... MS
N4NNR HIGH POINT ..... NC
146.2500 / 146.8500
W4RPO DALLAS ..... GA
KE4WAQ SAVANNAH ..... GA
WA4ORT WARNER ROBINS ..... GA
KM4IV PIKEVILLE ..... KY
K5JMD BUDE .....103.5 MS
K4CYP GOLDSBORO ..... NC
WA4DSZ HICKORY/BRT. MT ..... NC
KE4YVP REIDSVILLE .....103.5 NC
W4ULH FLORENCE ..... SC
WA4KJH GTLBG/COVE MTN .....127.3 TN
WA4KOG MEMPHIS ..... TN
W4AY NASHVILLE .....114.8 TN
W4POX PORTSMOUTH .....100.0 VA
WA4ZBP STAUNTON .....131.8 VA
W8WDK BECKLEY/FLAT TOP ..... WV
N8ZAR BUCKHANNON ..... WV
146.2650 / 146.8650
WB4DKY MADISON .....179.9 GA
KG4AEU RICHMOND ..... KY
KD4HLH LAURENS .....107.2 SC
KF4DIV #CLEVELAND ..... TN
KC4UBU NORTON .....103.5 VA
147.4650 / 146.8650
N5DWU ELLISVILLE .....136.5 MS
KB4YSX MURPHY/STALCUP .....151.4 NC
WA4ZRS WAXHAW .....94.8 NC
WZ8E MOUNTAIN LAKE .....110.9 VA
146.2800 / 146.8800
W4BTI MARIETTA/ATLANTA .....100.0 GA
WA4NKL QUITMAN ..... GA
WA4HBB SAVANNAH ..... GA
W4PF LOUISVILLE ..... KY
KA4UHL SOMERSET ..... KY
K5QNE JACKSON .....100.0 MS
WB4TQD RALEIGH ..... NC
W4NYR SHELBY ..... NC
WD4CYZ BRISTOL ..... TN
WA4KOG MEMPHIS ..... TN
WA4PCD NASHVILLE ..... TN
W4SKH OAK RIDGE ..... TN
W4RAT RICHMOND ..... VA
WA4V SALEM ..... VA
WB8CQV SO. CHARLESTON ..... WV
146.2950 / 146.8950
WA4RBS HARTWELL .....100.0 GA
N3SM MACON .....123.0 GA
KAJBV FLORENCE .....100.0 KY
KA4BLZ LYNN GROVE .....210.7 KY
W4APE PAGELAND ..... SC
WD4EGD DANDRIDGE ..... TN
N4RAG CHARLOTTESVILLE .....131.8 VA
WA4KXV VIRGINIA BEACH ..... VA
WB3T WYTHVL/WALKR MT.....103.5 VA
147.4950 / 146.8950
WD4LUQ DALLAS .....77.0 GA
KC4KZT DORTON .....141.3 KY
N5DWU ELLISVILLE .....136.5 MS
146.3000 / 146.9000
WB4WVH IRVINGTON ..... KY
146.3100 / 146.9100
WB4HIG CTY/MD/LONG MT ..... GA
K4HYB GRIFFIN ..... GA
K4GFY MOREHEAD .....123.0 KY
KS4TO WADDY .....107.2 KY
K5VV HERNANDO ..... MS
K5OCM NATCHEZ ..... MS
WA4ZGO AHOSKIE .....131.8 NC
W4MOE ASHVL/SPIVEY MT .....91.5 NC
WB4YZF FAYVLLE/CFARS .....100 NC

K4IZM LEXINGTON ..... NC
W4BWZ WHITE HALL ..... SC
KC4ROG KNOXVILLE ..... TN
N4RKM FARMVILLE ..... VA
K4TUE MT.LAKE/BALD KNB.....107.2 VA
N8BQ MCMECHEN ..... WV
146.3250 / 146.9250
WA4ASI COVINGTON ..... GA
WB4BJ RADCLIFF ..... KY
WB5VOJ CORINTH .....107.2 MS
N5DWU VOSSBURG ..... MS
W4APE BISHOPVILLE ..... SC
W4GZX CLEVELAND ..... TN
WA4TLZ CUMBERLAND CITY .....127.3 TN
WD4OBW JONESBOROUGH ..... TN
WA4TFZ CHARLOTTESVILLE ..... VA
WB4GJG DANVILLE(DCC) .....104.2 VA
WD8OGY PRINCETON/PIPEST..... WV
146.3400 / 146.9400
KT4N AUGUSTA ..... GA
W4VO ROME/MT. ALTO ..... GA
WA4RVB WRIGHTSVILLE ..... GA
KA4OIL ASHLAND ..... KY
KY4X GLASGOW .....114.8 KY
W4MSU MURRAY ..... KY
KA5SBK JACKSON .....100.0 MS
K5JMD MCCOMB ..... MS
W4DLH BURGAW ..... NC
WA4IZG BUTNER .....156.7 NC
W4BFB CHARLOTTE ..... NC
W4ACY MANTEO/WANCHES ..... NC
AC4NZ MOUNT AIRY .....100.0 NC
KF4CDR CHARLESTON ..... SC
W4IQQ GREENVILLE .....7 SC
WB4GBI KNOXVILLE ..... TN
N4SSM MEMPHIS .....107.2 TN
K4UMI HAMPTON ..... VA
W4ZA RICHMOND ..... VA
N4AP ROANOKE ..... VA
KD8AB FENWICK ..... WV
W8CWO WEIRTON ..... WV
146.3550 / 146.9550
K5PRE BLAIRSVILLE ..... GA
KD4WOU #MONROE ..... GA
WR4MG PERRY .....107.2 GA
KF4BRO FLEMINGSBURG .....107.2 KY
N5EKR ELLISVILLE ..... MS
KC5OB ISOLA ..... MS
KD4WAR BURNSVILLE ..... NC
K4RNC ROCKINGHAM ..... NC
NT4L #NASHVILLE .....114.8 TN
WZ8E BLUEFIELD/ONEIDA .....100.0 VA
146.3700 / 146.9700
K4CLJ ATLANTA ..... GA
W4HBB SAVANNAH ..... GA
K4DPP #HENDERSON ..... KY
W8PRH STANTON ..... KY
KI5FW MERIDIAN .....100.0 MS
N5PH PASCAGOULA ..... MS
N5EYM WINONA ..... MS
N4XRY MOUNT AIRY ..... NC
K4WGG SMITHFIELD ..... NC
N4AW ANDERSON ..... SC
W4GEY FLORENCE ..... SC
W4TRC KNGSPT/BAYS MT ..... TN
WD4MWQ MCMINNVILLE ..... TN
WA4RWK #EDINA ..... TN
W4SKH OAK RIDGE ..... TN
W4WRN STAUNTON ..... VA
WA4KXV VIRGINIA BEACH ..... VA
KJ8E LOGAN/WRD RK MT ..... WV
N8NBL PARKERSBURG (OH)..... WV
146.3800 / 146.9800
W4BEJ ELIZABETHTOWN ..... KY
146.3850 / 146.9850
K4KNS AUGUSTA ..... GA
KC4ZGN ELLIJAY/TALONA M.....77.0 GA
KN4FE WARM SPRINGS ..... GA
N5LRQ COLLINS .....136.5 MS
KB5DMT SENATOBIA ..... MS
K4OGB ALBEMARLE ..... NC
WD4PVE MARION .....118.8 NC
KC4PRD NASHVILLE ..... TN
KK4MW #DANTE/HAZEL MTN.....103.5 VA
W4CA ROANOKE/POOR MT ..... VA
KF8LL NEW MARTINSVILE ..... WV
146.4000 / 147.0000
K5UFH CORINTH ..... MS
N5DXM WATER VALLEY ..... MS
WD4FVO JACKSONVILLE ..... NC
N0WFL BLYTHWOOD ..... SC
W4YLT MARION ..... SC
WB4YXZ PICKENS ..... SC
WA4HMT SUFFOLK .....100.0 VA
K8WMX ST ALBANS ..... WV
147.6000 / 147.0000
WW4T BOGART ..... GA
KE4LR SHELBYVILLE ..... KY
KG4M WILLIAMSBURG ..... KY
KC5ULN COLUMBUS ..... MS
W5IQ JACKSON ..... MS
WW4DC THOMASVILLE .....88.5 NC
WA4CBX BLOUNTVILLE ..... TN
WD4SGA CLARKSVILLE ..... TN
KA6UHV COLLEGEDALE ..... TN
W4ZJM MEMPHIS .....* TN
KD8ZR TERRA ALTA ..... WV
146.4150 / 147.0150
N4GIS CARTERSVILLE ..... GA
N4YSB YADKINVILLE ..... NC
AB4M LYNCHBURG .....131.8 VA
K4AXO NORTON/HIGH KNOB.....88.5 VA
147.6150 / 147.0150
KM4DT BONAIRE .....82.5 GA
KF4UM #HINESVILLE ..... GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

AD4RU IRVINE ..... KY
N5JHK MONTICELLO ..... MS
KF4OGO LINCOLNTON ..... NC
KD4MYE RALEIGH ..... NC
KJ4ZQ NASHVILLE ..... TN
AA4KS RCKWD/MT ROSVLT ..... TN
KF5SCT UNION CITY ..... 107.2 TN
AA8TH RICHWOOD ..... WV

146.4300 / 147.0300
WV5D LAUREL ..... MS
K4YTZ ROCK HILL ..... SC
WA4JST RICHMOND ..... VA

147.6300 / 147.0300
W4REI ATLANTA/AIRPORT ..... GA
KD4ULE HOPKINSVILLE ..... 103.5 KY
W4PJZ LOUISVILLE ..... 151.4 KY
W5LDD OCEAN SPRINGS ..... MS
W4GG GREENSBORO ..... 131.8 NC
KB4DJT ROANOKE RAPIDS ..... NC
KF4CVO BARNWELL ..... 156.7 SC
K4NMB #N. MYRTLE BEACH ..... SC
W4BV FAYETTEVILLE ..... TN
W4EM MEMPHIS ..... TN
KQ4E MORRISTOWN ..... TN
KC8IT MULLENS ..... WV

146.4450 / 147.0450
K4AIH ANDRWS/ROBNSVL ..... 151.4 NC

147.6450 / 147.0450
KE4ZRT DOUGLAS ..... 141.3 GA
KD4AOZ WATKINSVILLE ..... GA
KJ4VF GRETHEL ..... KY
KE4OOS PARIS ..... 141.3 KY
KB6LCL POLKVILLE ..... 141.3 MS
KC4DBZ #COOL SPRINGS ..... NC
W4NHV LUMBERTON ..... NC
WD4OZN BOLIVAR ..... TN
N2UP LIVINGSTON ..... TN
KE4CKJ STAUNTON/EL KB ..... 131.8 VA
WA4SBC VIRGINIA BEACH ..... VA

146.4600 / 147.0600
W4CQ CHARLOTTE ..... NC
KF4AGO SOUTH BOSTON ..... VA
KA8PNC PRINCETON ..... WV

147.6600 / 147.0600
WA4DDI MACON ..... GA
N4CLA ROSWELL ..... GA
W4UCJ THOMASVILLE ..... GA
K4LOL BOWLING GREEN ..... 156.7 KY
W4NJA PADUCAH ..... KY
AF4ME SAND GAP ..... 100.0 KY
N5OCF RICHTON ..... MS
WA4LED MACO ..... NC
KB4UG GRNVLE/VIKING MT ..... TN
WA4MCQ MEMPHIS ..... TN
WB4VWR ENON ..... 107.2 VA
N8ZAR BUCKHANNON ..... 123.0 WV

147.6700 / 147.0700
N4NMC LOUISVILLE ..... 151.4 KY

146.4750 / 147.0750
NM8T SMITHERS ..... WV

147.6750 / 147.0750
W4GR LAWRENCEVILLE ..... 82.5 GA
WB4CJB PEMBROKE ..... GA
N4TLP OWINGSVILLE ..... KY
NC5V JACKSON ..... MS
K4CCR NEWTON ..... 88.5 NC
KD4JFN PITTSBORO ..... 107.2 NC
KT4BU EASTOVER ..... 156.7 SC
WQ4E GREENBRIER ..... 107.2 TN
WB4GBI KNOXVILLE ..... TN
KF4SCT MCNAIRY ..... 107.2 TN
AD4ZK NORFOLK ..... VA
W4PNT WAYNESBORO ..... VA
KE8MR MORGANTOWN ..... 103.5 WV

147.6900 / 147.0900
KE4RWR BAINBRIDGE ..... GA
KC4YHM EATONTON ..... 179.9 GA
KF4CWK DAWSON SPRINGS ..... 103.5 KY
KJ4YK PHELPS ..... KY
KB5DSN AMORY ..... MS
N5MRS NEW HEBRON ..... MS
WB5FXH #SUMNER ..... MS
W4GDF GREENVL/ESTN NC ..... NC
KF4ATU ORANGEBURG ..... 156.7 SC
K4JLA SPARTANBURG ..... SC
AD4QG EVA ..... TN
K4NLP JAMESTOWN ..... 100.0 TN
W4GMM MEMPHIS ..... 107.2 TN
W4BRC GALAX/BRIRP MT ..... VA
N4TZE GOOCHLAND ..... VA

146.5050 / 147.1050
KE4GUA NO. COLUMBIA ..... 156.7 SC

147.7050 / 147.1050
WB6RTH ATLANTA ..... 77.0 GA
NC4D STATESBORO ..... GA
N4EQT FRANKFORT ..... 107.2 KY
K9ZK #HAWESVILLE ..... KY
KB5SAR WAYNESBORO ..... MS
K4ITL BROADWAY ..... NC
WA4KNI HENDERSONVILLE ..... NC
KD4NEC CLEVELAND ..... TN
K4TC HENDERSON ..... TN
W4LYR LEBANON ..... 100.0 TN
WB4JBJ BEDFORD ..... VA

147.7200 / 147.1200
W4CMA CEDARTOWN ..... GA
KT4N #LINCOLNTON ..... GA
KA4KMT #LOUISVILLE ..... KY
WB4ASZ WINCHESTER ..... KY
NO5N ACKERMAN ..... MS
WN4Z ROCKY MOUNT ..... 131.8 NC
W4GS MYRTLE BEACH ..... SC
W4GGM COLUMBIA ..... TN
K4EAJ OAK RIDGE ..... 82.5 TN
WB8POC PATRICK SPRINGS ..... 107.2 VA

WB8DKM BRIDGEPORT ..... WV
WB8NAM MADISON ..... WV

147.7350 / 147.1350
N4BZJ DALTON ..... 100.0 GA
KB0Y LAKE PARK ..... 141.3 GA
K4FRM MILLEDGEVILLE ..... 123.0 GA
KE4SZK FRANKLIN ..... 136.5 KY
KB5UIX VOSSBURG ..... 136.5 MS
K4HXZ BREVARD ..... NC
WA4US WILMINGTON ..... 67.0 NC
KF4GPE CHESTERFIELD ..... SC
WB4EDS ALAMO ..... TN
N4AZJ PEARISBURG ..... 100.0 VA
KC4VDZ RICHMOND ..... 107.2 VA
KE8MR DAVIS ..... 103.5 WV

147.7500 / 147.1500
K4BYK CUMMNG/SAWNE MT ..... GA
KA9KOP #LOUISVILLE ..... KY
KI5WI BOONEVILLE ..... MS
KF5IZ PEARL/RANKIN CO ..... 88.5 MS
K4VLY MORGANTON ..... NC
WB4TQD RALEIGH ..... NC
WD4NUN MONCKS CORNER ..... SC
WA4PCD NASHVILLE WEST ..... 114.8 TN
K4EAJ OAK RIDGE ..... 82.5 TN
KB4RFN CLINCHCO ..... 88.5 VA
WA8YWO RICHWOOD ..... 100.0 WV

147.7650 / 147.1650
WD4LYT FAYETTEVILLE ..... GA
KF4XH #MACON ..... GA
N4NEQ MORGANTON ..... GA
W4WSM BOWLING GREEN ..... KY
WA4HBM LEXINGTON ..... KY
WB4UBY PRESTONSBURG ..... KY
W4UA HIGH POINT ..... NC
KD4PBK LUMBERTON ..... 88.5 NC
W4GWD GREENWOOD ..... 107.2 SC
KF4BHS ERWIN/UNICOI ..... TN
WA4CEX PURYEAR ..... TN
KR4BT SPARTA/WHITE ..... 123.0 TN
W8CXO FOREST ..... 114.8 VA
W4CM NEWPORT NEWS ..... VA
WC8K WESTON ..... WV

147.7800 / 147.1800
N4SMA AUGUSTA ..... GA
WD4NHW BALDWIN ..... GA
WB4BDP WARNER ROBINS ..... GA
K4LRX HENDERSON ..... 141.3 KY
KE4ZJT LONDON ..... 151.4 KY
W4CN LOUISVILLE ..... KY
K5LFP PICAYUNE ..... MS
KC5LIO WEST POINT ..... MS
WA1YYN EFLAND ..... 156.7 NC
AC4RC WILMINGTON ..... 88.5 NC
W4DXA #FORT MILL ..... SC
WA4HNK SUMMERVILLE ..... TN
WD4DES CLEVELAND ..... 118.8 TN
WA4KOG MEMPHIS ..... TN
K4ZGA NASHVILLE ..... 114.8 TN
KB4YKV AMELIA COURTHSE ..... VA
WD4ITN MONTEREY ..... 100.0 VA
WB3S PKS KB/PULASKI ..... 103.5 VA

147.7950 / 147.1950
K4JPD ATLANTA ..... GA
W4UCJ BOSTON ..... GA
KJ4VF LEXINGTON ..... KY
KA5FYW SUMRALL ..... MS
N4NIN #LENOIR ..... NC
KO4CW RALEIGH ..... 88.5 NC
W4APE FLORENCE ..... SC
KC4FV ARNOLD A.F.B. ..... TN
KD4CWB KNOXVILLE ..... 100.0 TN
N8ITF #ORLINDA ..... TN
WA4RTS LYNCHBURG ..... 136.5 VA
KF4ADJ SMITHFIELD ..... 100.0 VA
AJ9H LOGAN SOUTH ..... 100.0 WV

147.8100 / 147.2100
KF4GHF CONYERS ..... 162.2 GA
K4LNX SAVANNAH ..... GA
KB4DFK BLACK MOUNTAIN ..... 103.5 KY
N5SPJ UNION ..... 100.0 MS
W4BUZ GREENSBORO ..... NC
W4NTQ WHITEVILLE ..... NC
K4AVU LITTLE MT. ..... SC
N4WS COOKEVILLE ..... TN
WF4Q JACKSON ..... 107.2 TN
KB8NJH AMBER RIDGE ..... 107.2 WV
N8FMD CLARKSBURG ..... 103.5 WV

147.8250 / 147.2250
W4RLP SUMMERVILLE ..... GA
W4CMR #IRVINE ..... KY
N4DRL BYHALIA ..... MS
WR4AGC HILLSBOROUGH ..... NC
W4DTW SANTEE ..... SC
KC4VHQ WAVERLY ..... TN
KC4VHQ WAVERLY ..... TN
KA4VKR HAMPTON ..... 136.5 VA
WB8NRK PRINCETON ..... 114.8 WV

147.8400 / 147.2400
AE4JO EMERSON ..... 103.5 GA
WB4NFG IRWINTON ..... 77.0 GA
KC4QK ASHLAND ..... 107.2 KY
W4GZ FARMINGTON ..... KY
KC4AI FRANKFORT ..... 100.0 KY
KF4TLT HYDEN ..... 186.2 KY
N5ELS TUPELO ..... MS
W2SE CARTHAGE ..... NC
W4SU FOREST CITY ..... 123.0 NC
W4ILN HILTON HEAD ..... SC
AC4VT LANCASTER ..... 88.5 SC
W4LKZ GALLATIN ..... 114.8 TN
KD4ZTK BOYDTON ..... VA
N4MGQ ELK CRK/IRON MTN ..... 107.2 VA

147.8550 / 147.2550
WD4KDT STONE MTN ..... GA

AE4PO WAYCROSS ..... 141.3 GA
N4IOX #DIXON ..... KY
K4CO HIGHLAND HEIGHTS ..... 123.0 KY
KC5RC LAUREL ..... MS
KJ4AV ASHEBORO ..... NC
WA4KNI HENDSVL/PENIC/MT ..... NC
W4RRC LEESVILLE ..... 123.0 SC
KJ4SI PETROS/FRZ HD MT ..... 94.8 TN
K4BW ACCOMAC ..... 156.7 VA
WD4CYZ #CLINCHCO ..... VA
KC8CNL HINTON ..... 100.0 WV
WA8LLM PARKERSBURG ..... WV

147.8700 / 147.2700
WA1KMS COVINGTON ..... 127.3 GA
WB4EJK LOUISVILLE ..... 151.4 KY
KE4AIE ST. CHARLES ..... KY
WB5USN ABERDEEN ..... MS
K5ZRO VICKSBURG ..... 100.0 MS
W4CQ CHARLOTTE ..... NC
AK4H RALEIGH BENSON ..... 100.0 NC
N4SM WAYNESVILLE ..... NC
W4ANK CHARLESTON AREA ..... SC
WA4JRJ SENECA/LONG MT ..... SC
WA4YQC GALLATIN ..... 114.8 TN
WB0TMC JACKSON ..... TN
KE4FH JOHNSON CITY ..... TN
WB4IKL GUM SPRING ..... VA
KB4QWO ROANOKE/POOR MT ..... VA
WV8AR SCOTT DEPOT ..... 123.0 WV

147.8850 / 147.2850
WA4VBX ATLANTA/GPCO ..... GA
W4PVW CHULA ..... 103.5 GA
KC4WWU KINGSLAND ..... 118.8 GA
KC4ZFH LONDON ..... KY
KB5TGA CORINTH ..... MS
N4ADM AIKEN ..... SC
N4LV MYB BCH/BRKSVIL ..... SC
W4RCW #WHITE OAK MTN ..... SC
KF4JPT PIKEVILLE ..... TN
KF4KVG MARTINSVILLE ..... 107.2 VA
KA4ZIP WARSAW ..... VA
W8LG PINEVILLE ..... WV
N8HON SPRUCE KNOB ..... WV

147.9000 / 147.3000
N4ALE COLBERT ..... GA
WB4YSV ROME ..... GA
WR4MG WARNER ROBINS ..... 107.2 GA
K4ICN ALLEN ..... 123.0 KY
WA4SJH SPRINGFIELD ..... KY
KA5LNY MAGEE ..... MS
KK4X JEFFERSON ..... 103.5 NC
W4MZP RED SPRINGS ..... NC
WA4UQC WILSON ..... 88.5 NC
K4LWS AWENDAW ..... 103.5 SC
W4CAT GALLATIN ..... 114.8 TN
W4BBB KNOXVILLE/RACK ..... 100.0 TN
WA4ADT MEMPHIS ..... 107.2 TN
K4SPS FRANKLIN ..... 131.8 VA
KI4ZR LEXINGTON ..... VA
WB8NSL HARISVL/PENSBRO ..... WV

147.9150 / 147.3150
KR4KS #NORTH ATLANTA ..... 100.0 GA
KC4TX #HODGENVILLE ..... KY
KC4VXR SALEM ..... KY
N5DWU WAYNESBORO ..... MS
K4MPJ SAURATOWN MT ..... 100.0 NC
K4PPD SHALLOTTE ..... NC
N4UZT N. SPARTANBURG ..... 141.3 SC
KD4HZN ROGERSVILLE ..... 114.8 TN
N4ARK #SPARTA ..... 114.8 TN
KT4EQ TELLICO PLAINS ..... TN
K4HWQ GRUNDY ..... VA

147.9300 / 147.3300
W3LAP COCHRAN ..... 77.0 GA
K4NLX SAVANNAH ..... GA
KA4DIP TOCCOA ..... GA
WA8KWH ASHLAND ..... KY
KA4CFW BOWLING GREEN ..... KY
WD4KNE #MT. STERLING ..... KY
N5EPP PHILADELPHIA ..... MS
W4LPL FAYVLLE/FT BRAGG ..... NC
KN4K LENOIR/HIBRITN ..... 141.3 NC
KF4GHC COLUMBIA ..... 156.7 SC
WD4ORB MORGAN COUNTY ..... 82.5 TN
KI4ZR LEXNGTN/ROCK MT. ..... VA

147.9450 / 147.3450
N4NEQ ATLANTA/MARIETTA ..... 118.8 GA
KF4TLT STINETT ..... KY
KG5SF GREENVILLE ..... MS
N5ZMZ UTICA ..... MS
WA4IXW MADISON ..... 103.5 NC
W4NYR SHELBY ..... NC
KF4DTL SYLVA ..... 151.4 NC
WA4TEP WASHINGTON ..... NC
N7GZT ADAMS RUN (CHAS) ..... SC
K4UVH CROSS PLAINS ..... TN
K4PHT DAYTON ..... TN
NM4L ABINGDON ..... 103.5 VA
N4WAO EASTVILLE ..... 156.7 VA
W3IUA FRANKLIN ..... WV
NU8K LOGAN/SUMERCO ..... WV

147.9600 / 147.3600
W4SCR DOUGLASVILLE ..... 88.5 GA
WA4HZX DUBLIN ..... GA
KQ9Z LOUISVILLE ..... KY
W5CJR HATTIESBURG ..... MS
K5SVC NATCHEZ ..... MS
WA4J BOONE/RICH MTN ..... 103.5 NC
WD4LDB DURHAM ..... NC
W4PET LUMBERTON ..... NC
W4BS MEMPHIS ..... 107.2 TN
K4KLX PARIS ..... TN
KA4CBB CHESTERFIELD ..... VA
KB4OLM STUARTS DRAFT ..... VA
N8FWL BECKLEY ..... 123.0 WV

KC8GXI MIDDLEBOURNE ..... 110.9 WV

147.9750 / 147.3750
K4TQU ATHENS/CRAWFRD ..... GA
KB4VAK LAFAYETTE ..... 77.0 GA
N4TPL MONTICELLO ..... 100.0 KY
K4CO WALTON ..... KY
KA5VFU GULFPORT ..... MS
KD4WAR BURNSVILLE ..... NC
K4GWH GRAHAM ..... 114.8 NC
KC4UMO #GREENVILLE ..... NC
KI4OB GEORGETOWN ..... 179.9 SC
K4LEO #GREENWOOD ..... SC
KN4HL DICKSON ..... TN
W4NV VIRGINIA BEACH ..... VA
WD8LNB GRAFTON ..... WV

147.9900 / 147.3900
W4MMQ HELEN ..... GA
W4OHH THOMASTON ..... GA
KE4INT BARBOURVILLE ..... 107.2 KY
WR8CRA COVINGTON ..... KY
KF4TOL CRESTWOOD ..... 151.4 KY
N8QCW LOUISA ..... 186.2 KY
KC5QHP FOREST ..... 100.0 MS
WA4CHZ AQUADALE ..... NC
WB4IUY CLAYTON ..... 88.5 NC
WA4QBG EDEN/STONEVILLE ..... NC
K4PPD SHALLOTTE ..... NC
KE4JMH WAYNESVILLE ..... NC
KA4FEC LEXINGTON ..... SC
KF4L #CLARKSVILLE ..... TN
K4DPD DAYTON/RHEA CTY ..... TN
KQ4E #MORRISTOWN ..... TN
WA4BJY OAKFIELD ..... TN
K4ARO PETERSBURG ..... VA
N8RCG KEYSER ..... 123.0 WV
WV8D LEWISBURG ..... 100.0 WV
WD8CYV PARKERSBURG ..... 141.3 WV

220 MHZ

222.3000 / 223.9000
WB4SJV HERMITAGE ..... TN

222.3400 / 223.9400
KC4QK #ASHLAND ..... KY
W4ZJM MEMPHIS ..... *# TN

222.3600 / 223.9600
WR3S #SHORT MTN ..... TN
WR3S SMITHVILLE ..... TN

222.3800 / 223.9800
W4CAT GALLATIN ..... TN

222.4600 / 224.0600
W4NYR SHELBY ..... NC

222.5000 / 224.1000
KA4UHL NANCY ..... 100.0 KY
N4CH ROANOKE ..... VA

222.5200 / 224.1200
N4NFP ATLANTA/MARIETTA ..... 118.8 GA
WM4MD MIDDLESBORO ..... 82.5 KY
WV8B FLAT TOP/WINTRPL ..... WV

222.5400 / 224.1400
KD4ALC WALESKA ..... GA
KB5SAR WAYNESBORO ..... MS
WR4BEG SOPHIA/RANDLMN ..... NC
WB4QHF PICKENS/CSRS HD ..... 131.8 SC
KB4PNG ONEIDA ..... TN
KB4YQC CHARLOTTESVILLE ..... 88.5 VA
WR8M WILLIAMSON ..... WV

222.5600 / 224.1600
KN4K LENOIR/HIBRITN ..... NC
WR3S NASHVILLE ..... TN

222.5800 / 224.1800
N4YDX DALLAS ..... GA
KB8FPK ERWIN ..... 88.5 TN
WA1ZMS BEDFORD/APL ORCH ..... 100.0 VA

222.6000 / 224.2000
KC4OVY ATLANTA-NE ..... 100.0 GA
WA4JJS WILMINGTON ..... NC
W4ILY GREENVILLE ..... SC
WA4CBX BLOUNTVILLE ..... TN
KB4YTU BROWNSVILLE ..... TN
W4JAS HAMPDEN-SYDNEY ..... VA
WB4GUG STUART ..... 107.2 VA

222.6200 / 224.2200
N4NEQ ATLANTA/MARIETTA ..... GA
AD4CR VERSAILLES ..... KY
NF4C ROCKY MOUNT ..... NC
KB4FZK KNXVL/CROSS MT ..... 100.0 TN
KO4BN SPRINGFIELD ..... TN

222.6400 / 224.2400
N4YVD FT MT/CHATSWTH ..... 71.9 GA
WA4KNI HENDSVL/BERWLW ..... NC
KE4QOX KVILLE/HIPOINT ..... 107.2 NC
N8FWL BECKLEY ..... 123.0 WV

222.6600 / 224.2600
KE4QFG MARIETTA ..... GA
WA4BVW ASHVL/MT PISGAH ..... NC
WR4AGC HILLSBOROUGH ..... NC
N4PYI SHORT MTN. ..... 114.8 TN

222.6800 / 224.2800
AB4M LYNCHBURG ..... VA

222.7000 / 224.3000
KA4MKT LOUISVILLE ..... KY
N4AI SOMERSET ..... KY
WA4WRS BARIUM SPRINGS ..... NC
KE4CKJ STAUNTON/EL KNOB ..... 131.8 VA

222.7200 / 224.3200
N4MTA ACWORTH/ATL ..... 123.0 GA
KA4SQN JACKSONVILLE ..... NC
AJ4N PICKENS/SASFR MT ..... SC
N4RAG BUCK'S ELBOW ..... 131.8 VA

222.7400 / 224.3400
WA4DQC #ATLANTA ..... 146.2 GA
WM4DC THOMASVILLE ..... 88.5 NC
WB4GBI KNOXVILLE ..... TN

222.7600 / 224.3600
N4BZJ DALTON ..... GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

WB4PAC #GRIMESLAND ..... NC
KA4TYO MARSHALL ..... NC
WR3S LAVERGNE ..... TN
WB8YST CHARLESTON ..... 107.2 WV

222.7800 / 224.3800
N4RBT CLEVELAND ..... GA
N4OQJ KNOXVILLE ..... 100.0 TN
AA4QT RIDGEWAY ..... VA

222.8000 / 224.4000
W4BFB CHARLOTTE ..... NC
WB4QHF PICKENS ..... 131.8 SC
KB4YGI COLLIERVILLE ..... TN

222.8200 / 224.4200
KD4AOZ WATKINSVILLE ..... GA
AC4AO LEXINGTON ..... KY
W4BS MEMPHIS ..... TN
WD4GSM NORTON/HIGH KNOB ..... VA
KC4J PATRICK SPRINGS ..... 103.5 VA

222.8400 / 224.4400
N4NEQ ATL/MARIETTA ..... 118.8 GA
WB4GUG GREENSBORO ..... 107.2 NC
KC4TFQ #NASHVILLE ..... TN

222.8600 / 224.4600
N4BZJ DALTON ..... 118.8 GA
W4ABP GAINESVILLE ..... GA
KB0Y VALDOSTA ..... 141.3 GA
KC4ZTJ SHELBY ..... NC

222.8800 / 224.4800
KE4IPX NORCROSS ..... GA
W4DEX LOCUST ..... NC
K4ZGA NASHVILLE ..... TN
KD4HZN ROGERSVILLE ..... TN

222.9000 / 224.5000
N4MTA ACWORTH/ATL ..... 123.0 GA
N4FND SHEPHERDSVILLE ..... 151.4 KY
N4DRL BYHALIA ..... MS
K4YNY WILMINGTON ..... 88.5 NC
W4BBB KNOXVILLE/RACK ..... 100.0 TN
K4RCA MARTINSVILLE ..... VA

222.9200 / 224.5200
KE4AIS PINE LOG MTN ..... GA
KR4HJ LEXINGTON ..... 107.2 NC
K4RWN LITTLE MTN ..... SC
WM4MD JONESVILLE ..... 100.0 VA

222.9400 / 224.5400
N4YEA DALLAS ..... GA
WA4BVW MT MITCHELL ..... NC
N8ITF GREENBRIER ..... TN
WB4PVT HAMPTON ..... 100.0 VA

222.9600 / 224.5600
W4DOC ATLANTA ..... 146.2 GA
KD4RXF LANCASTER ..... KY
WB4YZF FAYETTEVILLE ..... NC
KC4GYM COLUMBIA ..... SC
AC4JF NEWPORT ..... 100.0 TN

222.9800 / 224.5800
NX9O ALPHARETTA ..... 100.0 GA
KR4AA ROCKY MOUNT ..... NC
WA4RQF #WINSTON-SALEM ..... NC
N4KFI KNOXVILLE ..... 103.5 TN

223.0000 / 224.6000
N4GIS JASPER ..... 100.0 GA
WB4PLA ASHEVILLE ..... NC
KC4KUL HIGH POINT ..... NC
WA4HMT LAKE GASTON ..... VA

223.0200 / 224.6200
W4PME ATLANTA/BELL ..... 100.0 GA
KD4DAR PIKEVILLE ..... KY
KC4IRA GASTONIA ..... 127.3 NC
KD4JFN HAW RIVER ..... 107.2 NC
W4GSF GLOUCESTER ..... VA

223.0400 / 224.6400
WB6RTH #LOGANVILLE ..... GA
WA4PEN RALEIGH ..... NC
WA4RQF WINSTON-SALEM ..... NC
KC4RGO MORRISTOWN ..... TN

223.0600 / 224.6600
W4BKM MACON ..... GA
KE4RQL BIG KNB/MARS HIL ..... NC
WA1YYN EFLAND ..... 107.2 NC
N4LV SUNSET BEACH ..... NC
WR3S NASHVILLE ..... TN

223.0800 / 224.6800
N4BZJ DALTON ..... GA
KA4RCL WAYNESBORO ..... 131.8 VA

223.1000 / 224.7000
W4TIY DALLAS ..... GA
WB9SZL CLEMMONS ..... 100.0 NC
KM4TC DUNCAN ..... 88.5 NC
KD4VUW GALLATIN ..... TN
KD4IBW SEVIERVILLE ..... 100.0 TN
K4ARO PETERSBURG ..... VA

223.1200 / 224.7200
WA4DAN TRENTON ..... NC

223.1400 / 224.7400
N4KVC DALTON ..... GA
KD4WAR BURNSVILLE ..... NC
N4NCK OXFORD ..... NC
N4PYI NASHVILLE ..... 100.0 TN
KC4JGC NORFOLK ..... 100.0 VA

223.1600 / 224.7600
W4BOC STONE MT ..... GA
KB7BTU PLYMOUTH ..... NC
W4EXU SALISBURY ..... NC
WQ4E GREENBRIER ..... TN
KF4PCK KNOXVILLE ..... TN
KD4IBW MOORESBRG/SNED ..... TN
WA4TFZ CHARLOTTESVILLE ..... VA

223.1800 / 224.7800
WB5OWY VICKSBURG ..... MS
WA4WGY EDEN ..... 103.5 NC
K4VCM CHATTANOOGA ..... TN
KE4FH JC/BUFFALO MT ..... TN
WA4KOG MEMPHIS ..... TN

223.2000 / 224.8000
KR4BD #GRIMESLAND ..... KY
KD4WJD ZEBULON ..... 88.5 NC
WQ4E GREENBRIAR ..... TN
KD4IBW SEVIERVILLE ..... TN

223.2200 / 224.8200
KK4C ATLANTA ..... GA
WR4MG HAWKINSVILLE ..... 107.2 GA
N4DWU CANTON ..... NC
KD4LHP KVILLE/HIPOINT ..... 107.2 NC

223.2400 / 224.8400
WB6RTH #ALPHARETTA ..... GA
WR4MG WARNER ROBINS ..... GA
WA4DAN GRIFTON ..... NC
KC4PRD NASHVILLE ..... TN
N4PLV BEDFORD ..... VA

223.2600 / 224.8600
KQ4Q PEARISBURG ..... VA

223.2800 / 224.8800
WD4LUQ YORKVILLE ..... 77.0 GA
N4AI SOMERSET ..... KY
N4DRL WARSAW ..... MS
KA4IH ANDRWS/ROBINSVL ..... NC
K4DJQ FANCY GAP ..... 100.0 VA

223.3000 / 224.9000
W4LMA MARIETTA ..... GA
WM4T GRAY ..... TN
WD9JGI SWEETWATER ..... TN
AA4HQ DELTAVILLE ..... VA
K4YDG ROANOKE/TINKER ..... VA

223.3200 / 224.9200
KR4KS SNELLVILLE ..... GA
W4NYK GRNVL/DOWNTWN ..... 88.5 SC
N8LGA BLUEFIELD ..... VA

223.3400 / 224.9400
WB4KXO AUGUSTA ..... GA
N4GIS WALESKA ..... GA
AD4RU IRVINE ..... KY
WB4NKM GREENEVILLE ..... TN
AB4EM ROANOKE/CAHAS MT ..... VA

223.3600 / 224.9600
PT2RFL ATLANTA/MARIETTA ..... 100.0 GA
KC4ZTJ CHERRYVILLE ..... NC
W3CH GOLDSBORO ..... 156.7 NC
N4QVI GREENSBORO ..... NC

440 MHZ

434.0000 / 421.2500
W4ZTL ATLANTA/BELL ..... GA
K4NLX SAVANNAH ..... GA
KJ4SQ DURHAM TV HILL ..... NC
KO4AT GREENSBORO ..... NC
WD4ATV JOHNSON CITY/BUF ..... TN
WA4GSS HUNTINGTON ..... WV
KB8QHO WHEELING ..... WV

439.2500 / 421.2500
W4BEJ ELIZABETHTOWN ..... KY
W4PPN CHARLOTTE ..... NC
WZ4O SUMTER ..... SC
N4XND GLOUCESTER ..... VA
W4HTB BOWLING GREEN ..... KY
KA5NOJ GAUTIER ..... MS
N3XA WAYNESBORO ..... VA
WA4VHP SAVANNAH ..... GA
W4NYR #SHELBY ..... NC

438.7750 / 433.0750
WA3KOK CHESTERFIELD ..... VA

426.2500 / 439.2500
N4FHL ROANOKE/POOR MT. ..... VA

446.3500 / 441.3500
WA4USN KNIGHTSVILLE ..... SC

446.4500 / 441.4500
WA4USN MT. PLEASANT ..... SC

446.7000 / 441.7000
N4ZHC CLINTON ..... 131.8 NC

446.8000 / 441.8000
KC4YNF ACWORTH ..... 77.0 GA

446.9000 / 441.9000
K4ZAD CARY ..... NC

447.0000 / 442.0000
WB6RTH ALPHARETTA ..... GA
KF4BTL MARYVILLE ..... TN
WA4HMT GASBURG ..... VA
WB3T WYTHE/WALKER MT ..... 103.5 VA

447.0250 / 442.0250
WA4NMF ATLANTA ..... 100.0 GA

447.0500 / 442.0500
N1KDO MARIETTA ..... 107.2 GA
KD4ADJ LEXINGTON ..... KY
WA1YYN EFLAND ..... 107.2 NC
KD4XV JASPER ..... 127.3 TN
WB4SQC JOHNSON CITY/HOL ..... 100.0 TN
WA4BJY MEDINA ..... TN

447.0250 / 442.0750
W8BLA ROSWELL ..... GA

447.0750 / 442.0750
N4VOS STANTON ..... KY
N5DWU MONTICELLO ..... MS
KE4JSZ CASTLE HAYNE ..... 88.5 NC
KD4JYV UWHARRIE ..... NC
KC4GYM COLUMBIA ..... 156.7 SC
KN4VY DAYTON ..... TN

447.1000 / 442.1000
N4RBL LOUISVILLE AREA ..... KY
KF4TNP LEWISBURG ..... 107.2 TN
WD4PAX MILAN ..... TN

447.1250 / 442.1250
KF4FOF .....
KF4FOF PICKENS ..... SC
KB4YFV HILLSVILLE ..... 103.5 VA

447.1500 / 442.1500
N4SE ROSWELL/BELL ..... 100.0 GA
KD4RTR DORTON ..... KY
W4UNC CHAPEL HILL ..... NC
WJ9J CHATTANOOGA ..... TN
KA4BNI DRESDEN ..... 107.2 TN

KD4SUU CHESTERFIELD ..... VA

447.1750 / 442.1750
N4BZJ DALTON ..... 118.8 GA
K4NGQ FRANKFORT ..... 67.0 KY
WA4US WILMINGTON ..... NC
W4GMM MEMPHIS ..... 107.2 TN
KD4CRM MARTINSVILLE ..... 118.8 VA

447.2000 / 442.2000
KE4D BLAIRSVILLE ..... GA
N3APR DECATUR ..... GA
N5DWU ELLISVILLE ..... 167.9 MS
KS4SB COLFAX ..... NC
WA4USN WILMINGTON ..... NC
KD4YUX BETHPAGE ..... 107.2 TN
WM4T GRAY ..... 100.0 TN
WA4BJY OAKFIELD ..... TN
N4IFC LYNCHBURG/T.ROW ..... 103.5 VA

447.2250 / 442.2250
WB6RTH #ATLANTA ..... 77.0 GA
WJ9J RCKWOOD/OZONE ..... TN
KC4VHQ WAVERLY ..... 110.9 TN
WB4GUG STUART ..... 107.2 VA

447.2500 / 442.2500
KR4KS #NORTH ATLANTA ..... 100.0 GA
N5DWU ELLISVILLE ..... 167.9 MS
KB4PQA GREENVILLE ..... SC
WD4DES CLEVELAND ..... 118.8 TN
WA4HTI COVINGTON ..... VA

447.2750 / 442.2750
K4DDH MACON ..... 100.0 GA
N4ZCM AUBURN ..... NC
KF4CFO ETOWAH ..... 141.3 TN
KE4PFW HENDERSON ..... TN

447.3000 / 442.3000
KC4QPR MORG. WALKER TOP ..... NC
WB4IUY ZEBULON ..... 88.5 NC
KE2D SUMMERVILLE ..... SC
WA4UCE COOKEVILLE ..... 107.2 TN
KC4VDZ RICHMOND ..... 114.8 VA

447.3250 / 442.3250
W4JLG MABLETON ..... GA
K4JBV INDEPENDENCE ..... 100 KY
WM4MD HILLSBORO ..... 67.0 KY
N5DWU ELLISVILLE ..... MS
WD4ICX ASHEBORO ..... NC

447.3500 / 442.3500
WD4NHW BALDWIN ..... GA
KF5TU LAKE GASTON ..... 100.H NC
WA4YGD LINCOLNTON ..... NC

447.3750 / 442.3750
KE4QFG MARIETTA ..... GA
KE4YRE SHELBYVILLE ..... KY
W4RNR SANFORD ..... NC
WA4PXV WEST JEFFERSON ..... NC

447.4000 / 442.4000
N4UER WARM SPRINGS ..... GA
AA4XV LATONIA ..... KY
KD4WJD ZEBULON ..... NC
WB4QHF PICKENS/CSRS HD ..... 127.3 SC
KF4YI LYNCHBG/JACK MT. ..... 107.2 VA

447.4250 / 442.4250
KC4FIE MADISONVILLE ..... KY
N4TZD LEXINGTON ..... NC

447.4500 / 442.4500
NE1H SNELLVILLE ..... GA
KD4CLR LOUISVILLE AREA ..... 151.4 KY
WA4TOG HENDERSONVILLE ..... NC
N4LMR RALEIGH ..... NC
KD4NEB CLEVELAND ..... 88.5 TN
WA3KOK CHESTERFIELD ..... 107.2 VA

447.4750 / 442.4750
K4NVG LAVONIA ..... 203.5 GA
KS4QA TRENTON ..... 67.0 GA
KE4DGP WAYNESBORO ..... 107.2 NC

447.5000 / 442.5000
KE4PMP MT. VERNON ..... 88.5 GA
K4GFY MOREHEAD ..... KY
K4YNY WILMINGTON ..... 88.5 NC
WB4HAP KNOXVILLE ..... 103.5 TN
W4CA ROANOKE/POOR MT ..... VA

447.5250 / 442.5250
WB5TUF ATLANTA ..... 110.9 GA
KY4JD FORT WRIGHT ..... 123.0 KY
WB3T WYTHEVILLE ..... 103.5 VA

447.5500 / 442.5500
WD4ELX LOUISVILLE ..... KY
K1BUD PITTSBORO ..... NC
W4RAT RICHMOND ..... 127.3 VA

447.5750 / 442.5750
AE4LW MADISONVILLE ..... 100.0 KY
WB4IVB JONESVILLE ..... 100.0 VA

447.6000 / 442.6000
KD4FOC DUBLIN ..... 77.0 GA
WA4OKJ MARIETTA ..... 100.0 GA
KD4ADJ MT STERLING ..... KY
WD4NWV ANDRWS/ROBINSVL ..... 151.4 NC
K4ARO PETERSBURG ..... VA
K4ARO ROANOKE ..... VA

447.6250 / 442.6250
W4ABP GAINESVILLE ..... 131.8 GA
KE4KIV NEWTON ..... NC
WB4EPG MEMPHIS ..... TN

447.6500 / 442.6500
KE4FHN DANIELSVILLE ..... GA
KS4QA LOOKOUT MTN ..... 146.2 GA
WA1ZMS BEDFORD/APL ORCH ..... 100.0 VA

447.6750 / 442.6750
KE4PVE ATLANTA ..... 100.0 GA
KD4BOH ROCKPORT ..... KY
KD4RAA RALEIGH ..... 100.0 NC
WA4MPZ #BLUFFTON ..... SC

447.7000 / 442.7000
KC4ZGN ELLIJAY ..... 77.0 GA
K4NLX SAVANNAH ..... GA
KE4ZBI ATOKA ..... TN

WA4PZN SHELBYVILLE ..... TN
W7CP ROANOKE/POOR MT. ..... VA

447.7250 / 442.7250
KE4QFG MARIETTA/ATL ..... GA
KB4YJ LOUISVILLE ..... 151.4 KY
N5LRQ VOSSBURG ..... 167.9 MS
WG4R GREENSBORO ..... NC
N4GLB SIMPSONVILLE ..... SC

447.7500 / 442.7500
KM4GR BAKERSVILLE ..... NC
WD4KZK ROANOKE/MILL MTN ..... 107.2 VA

447.7750 / 442.7750
K4VJM FLOWERY BRANCH ..... GA
KC4FIE MADISONVILLE ..... KY
AE4PZ MOUNTAIN REST ..... 127.3 SC
KE4CIF PULASKI ..... VA

447.8000 / 442.8000
N4NFP ATL/MARIETTA ..... GA
N4AAD YADKINVILLE ..... 100.0 NC
WD4LUR LAKE CITY ..... 100.0 TN
KB4MIC GUM SPRING ..... VA

447.8250 / 442.8250
K4DKI CLAYTON ..... GA
KC4ENL HAPEVILLE ..... 167.9 GA
WF4G MEMPHIS ..... TN
KT4PN ONEIDA ..... TN

447.8500 / 442.8500
WB0QGH LAWRENCEVILLE ..... 82.5 GA
W2HR GILBERTSVILLE ..... 103.5 KY
KA7JXU BREVARD ..... NC
KA4IXK ROANOKE/POOR MT ..... VA
WB8NSL PENNSBORO ..... 103.5 WV

447.8750 / 442.8750
PT2RFL ATLANTA/MARIETTA ..... 100.0 GA
N4IWK MACON ..... GA
KB5ZCX ROSE HILL ..... MS
W4GSO GREENSBORO ..... 156.7 NC
KD4DMS SPIVEY'S CORNER ..... NC
KC4WHL HARRIMAN ..... 136.5 TN

447.9000 / 442.9000
K3TD BUFORD ..... 103.5 GA
WR4MG WARNER ROBINS ..... GA
W4CMR IRVINE ..... KY
WW4DC THOMASVILLE ..... 88.5 NC
KE4CES JACKSON ..... 114.8 TN
W4MT NEWPORT NEWS ..... 100.0 VA

447.9250 / 442.9250
KC4YHM EATONTON ..... GA
K4AE LEXINGTON ..... NC
WD4OAR GEORGETOWN ..... 107.2 TN

447.9500 / 442.9500
AA4AI ATHENS ..... 179.9 GA
N4XGI ST SIMONS ISLAND ..... 131.8 GA
KF4CYI TAYLORSVILLE ..... 173.8 NC
AB4FU LYNCHBURG ..... VA

447.9750 / 442.9750
WA4YNZ ATLANTA ..... GA
WA4YNZ #ROSWELL ..... GA
NK4W LITTLE MT. ..... 162.2 SC
KB8KSP ABINGDON ..... 88.5 VA

448.0000 / 443.0000
N4OGF CHATSWORTH ..... GA
KT4GB BARDSTOWN ..... KY
KK4YP PIKEVILLE ..... NC
W4ZJM MEMPHIS ..... *# TN
KM4X WHITETOP MTN ..... 103.5 VA
WB8EZR HUNTINGTON ..... WV

448.0250 / 443.0250
WA4NMF ATLANTA ..... 100.0 GA
KD4IEZ DUBLIN ..... 156.7 GA
KE4OOL LEXINGTON ..... 123.0 KY
WB4IKY BURLINGTON ..... 107.2 NC
N4UAG KNOXVILLE ..... TN
KA8YEZ WHEELING ..... 77.0H WV

448.0500 / 443.0500
NE1H SNELLVILLE ..... GA
W3CH GOLDSBORO ..... 156.7 NC
WB4PUB #NASHVILLE ..... 107.2 TN

448.0750 / 443.0750
WA0HQQ KENNESAW ..... GA
KC4ZIZ MACON ..... 156.7 GA
WR4BEG SOPHIA/RANDLEMN ..... NC
KA4AZQ KNOXVILLE ..... 100.0 TN

448.1000 / 443.1000
N4KHQ DAHLONEGA ..... 100 GA
KE4RNM OWENSBORO ..... KY
WW4DC SAURATOWN MT ..... 88.5 NC
KA4JXT MEMPHIS ..... 107.2 TN
KN4YM POWHATAN ..... VA
KE4QOX BECKLY/OAK HILL ..... 107.2 WV

448.1250 / 443.1250
KU4ML FOSTER ..... KY
KB4PQA CRAB CREEK TWP ..... NC
WA4NNA RALEIGH ..... NC
KC4PRD GOODLETTSVILLE ..... 107.2 TN
KA4JXT HICKORY VALLEY ..... 107.2 TN
KA4JXT MEMPHIS ..... TN

448.1500 / 443.1500
W4PME ROSWELL/BELL ..... 100.0 GA
W4HG SALISBURY ..... NC
K8MHR ST. ALBANS ..... WV

448.1750 / 443.1750
N4GIS WALESKA ..... GA
KD4COV FLORENCE ..... KY
KD4HLH LAURENS ..... 146.2 SC
KF4TNP MT PLEASANT ..... 107.2 TN
KC4J PATRICK SPRINGS ..... VA

448.2000 / 443.2000
W4DEX #HAMLET ..... NC
KD2LH YOUNGSVILLE ..... 88.5 NC
KB4UG GRNVLE/VIKING MT ..... TN
W4BS MEMPHIS ..... 107.2 TN
KB4YKV AMELIA ..... VA

448.2250 / 443.2250
N4QCP JONESBORO ..... GA

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KD4TAH FRANKLIN ..... KY
KS4TO WADDY ..... KY
N4ZCM RALEIGH ..... NC
W8LG BECKLEY/BOLT ..... WV

448.2500 / 443.2500

KJ4VF DORTON ..... KY
WD6GMQ GRAINGERS ..... NC

448.2750 / 443.2750

KF4TLA LEICESTER/AVL .....103.5 NC
WA4WTX ROUGEMNT/RED MT .....100.0 NC
WA4AWI LEBANON .....107.2 TN

448.3000 / 443.3000

WB4VNT ATHENS ..... GA
KB5DZJ WIGGINS .....167.9 MS
KC4SVQ ARCHDALE ..... NC
KB4TOH COLUMBIA ..... NC
KC4IEV SPINDALE .....123.0 NC
KA7UEC COLLIERVILLE .....107.2 TN
WA4KJH GATLBG/COVE MT .....127.3 TN
NM8T OAK HILL ..... WV

448.3250 / 443.3250

N4JMD STOCKBRIDGE ..... GA
N4EQT LAWRENCEBURG .....107.2 KY
KF4IXK KVILLE/HIPOINT .....141.3 NC

448.3500 / 443.3500

N4YYD FT. MT/CHATSWTH .....71.9 GA
K4ULW LOUISVILLE SW ..... KY
W5PAW PETAL ..... MS
ND4N GRNVLE/PARIS MT ..... SC
WA4AWI DEASON .....107.2 TN
K4GX ROGERSVILLE ..... TN

448.3750 / 443.3750

KC4AQS CALHOUN/JASPER ..... GA
W1IFL RALEIGH ..... NC

448.4000 / 443.4000

KD4KZ CEDARTOWN .....123.0 GA
WB4GWA CONCORD .....118.8 GA
WB4GUG SAURATOWN MT .....107.2 NC
AD4DN WILMINGTON .....88.5 NC
AC4WW AIKEN .....107.2 SC
WD4DBJ CUMBERLAND CITY ..... TN
WA4QWW MEMPHIS ..... TN

448.4250 / 443.4250

KD4RTR MILLARD ..... KY
WA1YYN RES. TRIANGLE PK .....156.7 NC

448.4500 / 443.4500

WB5TUF ATLANTA .....110.9 GA
KB4VAK HIGH PT/LOOKT MT .....77.0 GA
AE4NU COX'S CREEK .....151.4 KY
N5WXD WEST POINT ..... MS
N4VOZ STATESVILLE ..... NC
KC4RBA LYNCHBURG ..... VA

448.4750 / 443.4750

WW4T BOGART ..... GA
KC4COV FLORENCE .....192.8 KY
KE4UIU CANTON .....156.7 NC
W4UNC CHAPEL HILL .....131.8 NC
WB4TWX FORT MILL ..... SC
N8FWL BECKLEY .....123.0 WV

448.5000 / 443.5000

N4MTA MARIETTA ..... GA
WD9EQC LOUISVILLE ..... KY
KF4BRO MAYSVILLE .....123.0 KY
WB4UBY META ..... KY
AJ0X LAUREL ..... MS
WD4POZ G'BORO/H'POINT .....77.0 NC
KD4CWB KNOXVILLE ..... TN

448.5250 / 443.5250

N4POR KNOXVILLE .....114.8 GA
N4EUX LENOIR/CAJAH MTN ..... NC
KD4MJO SOUTH HILL .....100.0 VA

448.5500 / 443.5500

KE4WLP GRIFFIN ..... GA
N4HZX GRAEFENBURG ..... KY
KB5SAR WAYNESBORO ..... MS
KC4XE ROARING GAP ..... NC
WB4LRD CHATTANOOGA ..... TN
KF4PGC SMITHFIELD .....100.0 VA

448.5750 / 443.5750

KD4NTF CEDARTOWN .....107.2 GA
WA4PXV #GRANDFATHER MT ..... NC
KA6UHV COLLEGEDALE ..... TN
W4LYR LEBANON .....100.0 TN

448.6000 / 443.6000

KA4UHL NANCY .....100.0 KY
K5HYE MENDENHALL ..... MS
N4DWU MT MITCHELL ..... NC
W8CXD FOREST .....136.5 VA

448.6250 / 443.6250

KD4KGR GRAY ..... GA
W4UWH JASPER .....100.0 GA
W4EUS RTP ..... NC
KE4EAN COWPENS .....136.5 SC
KA7UEC COLLIERVILLE .....107.2 TN
AD4QG EVA ..... TN
KC4MJN JAMESTOWN .....100.0 TN
WZ8E BLUEFIELD ..... VA

448.6500 / 443.6500

KE4RNM OWENSBORO .....203.5 KY
KA4IH ANDRWS/ROBINSVL ..... NC
KD4WAR BURNSVILLE ..... NC
KD4DNY GREENSBORO ..... NC
WA4AXH NOLENSVILLE ..... TN
K4UMI HAMPTON ..... VA

448.6750 / 443.6750

W4VO ROME ..... GA
AD4LR PARIS ..... TN
KD4IBW SEVIERVILLE .....100.0 TN
K4YD GOODVIEW .....107.2 VA

448.7000 / 443.7000

W5CJR HATTIESBURG .....136.5 MS
KE4OOX KVILLE/H POINT .....103.5 NC
WA4LBT LOCUST ..... NC
K4VVM BARTLETT .....107.2 TN
KB4OTK LAFOLLETTE ..... TN

KB8UJG PRINCETON .....123.0 WV

448.7250 / 443.7250

KB2DZA CONYERS .....77.0 GA
KE5LT PICAYUNE .....179.9 MS
K4GWH GRAHAM .....156.7 NC
KB5YJC NASHVILLE .....107.1 TN
N8SNY WELCH ..... WV

448.7500 / 443.7500

K4GO #COVINGTON ..... GA
KF4BMG MARIETTA .....79.7 GA
KC4ZTI GASTONIA/CRWDR ..... NC
WB4EDS ALAMO ..... TN
WA4OHX HAMPTON .....100.0 VA

448.7750 / 443.7750

W4IXN DULUTH .....82.5 GA
KF4INN VERSAILLES ..... KY
WB4SRV CLAREMONT .....118.8 NC
KD4JFN HAW RIVER .....107.2 NC
KF4Y LAURENS .....141.3 SC
KA4MHJ SPENCER .....123.0 TN
WB3T BLUEFIELD .....103.5 VA

448.8000 / 443.8000

N4NFP ATLANTA/MARIETTA .....118.8 GA
K4MSU MURPHY .....114.8 KY
KC4QZL MORGANTON ..... NC
WA4HNK #SUMMERVILLE ..... SC
KA4AZQ KNOXVILLE .....100.0 TN
WA1ZMS BEDFORD/APL ORCH .....100.0 VA
W4POX PORTSMOUTH ..... VA
KA8OTX OAK HILL ..... WV

448.8250 / 443.8250

KD4WOU MONROE .....123.0 GA
N5ZNS GLOSTER ..... MS
KC4KRM SHELBYVILLE ..... TN
WB4KZI PETERSBURG ..... VA

448.8500 / 443.8500

KE4PN #WALESKA .....192.8 GA
WB4PQJ BAGDAD ..... KY
KC4YOZ DALLAS/CLT .....100.0 NC
WA4US WILMINGTON ..... NC
KE4OVN DRESDEN .....107.2 TN
KQ4I DANVILLE ..... VA
KB8TGK HUNTINGTON .....88.5 WV

448.8750 / 443.8750

KC4KPW PINEY KNOB .....103.5 NC
KD4KPV MCKENZIE ..... TN
W4DUM WLIS ..... VA
W8SP FAIRMONT ..... WV

448.9000 / 443.9000

KC4KZT DAVID .....167.9 KY
N5DWU WAYNESBORO .....167.9 MS
W4UA HIGH POINT ..... NC
W4GWD GREENWOOD .....107.2 SC
KD4HII CHATTANOOGA ..... TN
WA4KOC WHITE HOUSE ..... TN
N4EVG CHESAPEAKE ..... VA

448.9250 / 443.9250

KC4XL MONROE .....123.0 GA
W4BAB RINGGOLD ..... GA
W5OXA BILOXI ..... MS
KE4KNZ MCEWEN ..... TN
KF4AGO SOUTH BOSTON ..... VA

448.9500 / 443.9500

KA4UFM DECATUR .....110.9 GA
KC4TX CANE VALLEY ..... KY
N5ZDF HAZLEHURST .....100.0 MS
WA4US WILMINGTON ..... NC
KC4IZ ARNOLD A.F.B. ..... TN
KD4QBV KNOXVILLE ..... TN
N4ER MEMPHIS ..... TN

448.9750 / 443.9750

KE4BHZ HAZARD .....103.5 KY
WA4WGY MAYODAN ..... NC
WR3S LAVERGNE ..... TN
KA4WJS ROCKWOOD ..... TN
N8FIP WESTON ..... WV

449.0000 / 444.0000

WB4QDX LAWRENCEVILLE .....100.3 GA
WD4AFY SAVANAH ..... GA
AD4RU IRVINE ..... KY
KG5YV CLINTON .....100.0 MS
K4JEQ HICKORY ..... NC
KK4YP SELMA ..... NC
N0YNV BLYTHEWOOD ..... SC
WD4BKY GALLATIN .....107.2 TN
KD4CWB KNOXVILLE .....100.0 TN
WA4ETE MEMPHIS .....107.2 TN
KK4SN #PORTSMOUTH ..... VA
KC8IT MULLENS ..... WV

449.0250 / 444.0250

WA4NMF LAWRENCEVILLE .....127.3 GA
AE4PO WAYCROSS .....141.3 GA
KD4JFN HIGH POINT .....107.2 NC
KC4WHL HARRIMAN ..... TN
K4RDK MEMPHIS ..... TN

449.0500 / 444.0500

N4NEQ ATLANTA/MARIETTA .....118.8 GA
KE4NLL SALYERSVILLE .....127.3 KY
K4QLC TAYLORSVL/BARR M ..... NC
N4PYJ NASHVILLE .....107.2 TN
KB4OLM STUARTS DRAFT ..... VA

449.0750 / 444.0750

AE4GU CARROLLTON .....107.2 GA
KB8SBN INDEPENDENCE .....110.9 KY
KD4BOH ROCKPORT .....77.0 KY
K4CCR ANDRSN MT/DENVER ..... NC
KF4TNP #LEWISBURG ..... TN
KC4PDQ MARYVILLE .....100.0 TN
KF4ATY MEMPHIS ..... TN
KD4TBC GRETNA/SMITH MT .....67.0 VA
K8QJC HURRICANE ..... WV

449.1000 / 444.1000

W4BKM MACON ..... GA
W4WSM BOWLING GREEN ..... KY
N4UL LOUISVILLE .....173.8 KY

KB5BRZ MERIDIAN .....131.8 MS
WR4AGC DURHAM ..... NC
KC4AC LANCASTER ..... SC
W4AM CHATTANOOGA ..... TN
KE4FH JOHNSON CITY ..... TN
KA4JXT MEMPHIS ..... TN
KE4CKJ STAUNTON/EL KNOB .....131.8 VA
KB4ZIN WILLIAMSBURG ..... VA

449.1250 / 444.1250

KE4PVE PENDERGRASS .....100.0 GA
KC4ZY LEXINGTON ..... KY
WB4GUG MCLEANSVILLE ..... NC
KC4ECD LAFAYETTE .....107.2 TN
KA4JXT MEMPHIS ..... TN
N8LVE BECKLEY ..... WV
N8RCG KEYSER .....103.5 WV

449.1500 / 444.1500

W4PME ATLANTA/BELL .....100.0 GA
WB4IVB MIDDLESBORO .....100.0 KY
WD5BJT CLERMONT HARBR ..... MS
WB5YCR NEW ALBANY ..... MS
KE4GTM GASTONIA/CRWDR ..... NC
K4JDR SEVEN SPRINGS .....100.0 NC
KI4ZR LEXNGTN/ROCK MT. ..... VA
KC8AOF RIPLEY ..... WV

449.1750 / 444.1750

KE4PVE COVINGTON .....100.0 GA
KC4COV FLORENCE .....192.8 KY
W4FBC LILLINGTON .....118.8 NC
KC4NNN KNOXVILLE ..... TN
W2GLJ MEMPHIS ..... TN
WD4ICX FANCY GAP .....107.2 VA
N8FMD CLARKSBURG .....103.5 WV

449.2000 / 444.2000

WA4QB #GASSVILLE .....107.2 GA
KE4QEA #KING/SAURATOWN .....100.0 NC
WA4US WILMINGTON ..... NC
KF4GHC COLUMBIA .....156.7 SC
KB4YTU BROWNSVILLE ..... TN
KD4HII CHATTANOOGA ..... TN
N4ARK NASHVILLE ..... TN
WB4VWR ENON ..... VA
N8ZVK FLATWOODS ..... WV

449.2250 / 444.2250

WB4BDP WARNER ROBINS ..... GA
KE4SJO WOODSTOCK ..... GA
K4GWH GREENSBORO .....146.2 NC
N4ARK NASHVILLE .....107.2 TN
WV8AR CHARLESTON .....123.0 WV

449.2500 / 444.2500

W4BOC DECATUR ..... GA
WA4KNI HENDSVL/BERWLW ..... NC
K4SER WILLIAMSTON .....131.8 NC
WA4PAJ BARTLETT ..... TN
WQ4E GREENBRIER ..... TN
WA4TFZ CHARLOTTESVILLE .....151.5 VA
N8ZAR BUCKHANNON ..... WV

449.2750 / 444.2750

KE4BB CULLODEN .....123.0 GA
KU4MJ DAWSON SPRINGS ..... KY
W4NC WINSTON-SALEM ..... NC
W4GZX CLEVELAND ..... TN
WA4AXH LEBANON ..... TN
KE4RTQ ENON .....114.8 VA

449.3000 / 444.3000

WB4ZZD #LOUISVILLE ..... KY
N4DRL BYHALIA ..... MS
KC5RC HEIDELBERG .....100.0 MS
WD4JVV KNOXVILLE .....118.8 NC
WA4VTX ELIZABETH CITY .....131.8 NC
N4MNH CHARLESTON ..... SC
WB4GBI KNOXVILLE ..... TN
WA4BZU NASHVILLE .....107.2 TN
K4BW ACCOMACK .....156.7 VA
KI4ZR LEXINGTON ..... VA

449.3250 / 444.3250

WA4BZU CLARKSVILLE .....107.2 TN
KB4KSL KNOXVILLE ..... TN
WB3T ROANOKE .....103.5 VA
KA8ZXP GLENVILLE ..... WV

449.3500 / 444.3500

WA4MMQ HELEN ..... GA
KE4PVE NEWNAN .....100.0 GA
KB0Y VALDOSTA .....141.3 GA
K4CO WALTON ..... KY
WB4IKY GIBSONVILLE .....107.2 NC
KR4LO GRANTSBORO ..... NC
WD4BKY GALLATIN .....114.8 TN
KD4CLA PIGEON FORGE .....156.7 TN
N4CH BEDFORD ..... VA
WB8YST CHARLESTON .....107.2 WV

449.3750 / 444.3750

KB4IZF JASPER .....103.5 GA
KD4DAR PIKEVILLE ..... KY
KB5HAV PEARL .....88.5 MS
KE4JMH FRANKLIN .....131.8 NC
KB4WGA HENDERSON .....88.5 NC
KB4YTM HUNTINGDON ..... TN
KR4BT SPARTA .....123.0 TN
N4OWU FANCY GAP .....107.2 VA

449.4000 / 444.4000

WB0QGH HOG MTN .....82.5 GA
KD4YGK #SHEPHERDSVILLE .....203.5 KY
WB4YZF FAYETTEVILLE .....100HZ NC
KC4YOQ FOREST CITY ..... NC
WA4KOG MEMPHIS ..... TN
N4PYI MT JULIET ..... TN
K4EAJ OAK RIDGE .....82.5 TN
W8ARA FLATTOP/EGERIA .....100.0 WV

449.4250 / 444.4250

WB4JWM JULIETTE .....156.7 GA
N4LGT DEANE ..... KY
N4ZVN MONROE .....94.8 NC
KC4NNN KNOXVILLE ..... TN
WA4ISI ALTAVISTA ..... VA

KB8TJH SHIRLEY ..... WV

449.4500 / 444.4500

W4DOC ATLANTA .....146.2 GA
KO4OT SIMPSONVILLE .....100.0 KY
KD5AHI ABERDEEN ..... MS
KB5LCL JACKSON .....141.3 MS
W4CQ CHARLOTTE ..... NC
WR4AGC HILLSBOROUGH .....100.0 NC
KE4JMH WAYNESVILLE ..... NC
WA4US WILMINGTON ..... NC
KB4YTU BROWNSVILLE ..... TN
W4CAT GALLATIN .....107.2 TN
WJ9J SODDY DAISY ..... TN
W8MOP BLUEFIELD ..... VA

449.4750 / 444.4750

KD4GEY FOLKSTON ..... GA
N4CLA SWEAT MT/MARIETT ..... GA
KF4QZN MAMMOTH CAVE .....179.9 KY
AD4BI PIKEVILLE ..... KY
KD4DNY GREENSBORO .....107.2 NC
N4ZKR SUMMITVILLE .....107.2 TN
AD4ZK NORFOLK ..... VA

449.5000 / 444.5000

W4NM ALBANY ..... GA
WB5TUF ATLANTA .....110.9 GA
N4BZJ DALTON .....118.8 GA
KI5FW MERIDIAN ..... MS
WD4ICX LEXINGTON ..... NC
N4JEH TARBORO .....100.0 NC
K4JP BRSTL/HOLSTN MT ..... TN
K4CQ LYNCHBRG/TOB MT .....136.5 VA
W8HYX HURRICANE ..... WV

449.5250 / 444.5250

KD4IEZ CHESTER .....156.7 GA
W4GR SNELLVILLE .....82.5 GA
KJ4VF GRETHEL ..... KY
N5NNI NEW HEBRON ..... MS
WA4PEN RALEIGH .....88.5 NC
WA4ZRS WAXHAW .....94.8 NC
N4LV MYB BCH/BRKSVIL ..... SC
KD4IBW KNOXVILLE .....100.0 TN
WA4BGK NASHVILLE .....107.2 TN

449.5500 / 444.5500

K4DC LEWISPORT ..... KY
KC4DUU LEXINGTON ..... KY
KK4VM ROANOKE RAPIDS .....192.8 NC
NQ4Y COOKEVILLE .....107.2 TN
KF4SCT MCNAIRY .....107.2 TN
WA4PCD #NASHVILLE ..... TN
W4QR HAMPTON .....167.9 VA
WA4RTS LYNCHBURG .....136.5 VA

449.5750 / 444.5750

W4SCR DOUGLASVILLE .....88.5 GA
N4MVY PHELPS ..... KY
KC5CLM PORT GIBSON .....141.3 MS
N4HAJ KINSTON .....88.5 NC
W4GS #MYRTLE BEACH .....85.4 SC
W4BBB KNOXVILLE/RACK .....100.0 TN
WA4WCK NASHVILLE ..... TN

449.6000 / 444.6000

WA4NKL QUITMAN .....127.3 GA
N4NMC LOUISVILLE .....151.4 KY
KC4FIE MADISONVILLE ..... KY
WA4SJH SPRINGFIELD ..... KY
KB5CO JACKSON .....100.0 MS
W4BFB CHARLOTTE .....100.0 NC
KC4WXA OXFORD ..... NC
KT4YW NO. CHARLESTON ..... SC
WB4HAP KNOXVILLE/ENG MTN ..... TN
WA4AUX PROSPECT .....118.8 TN
WC8K WESTON ..... WV

449.6250 / 444.6250

KM4DT BONAIRE .....82.5 GA
AB5MU NETTLETON .....192.8 MS
N5OCF RICHTON ..... MS
WB4DVN LUMBERTON ..... NC
WD4EOG CLEMSON UNIV. .....156.7 SC
KD4TUD JEFFERSON CITY ..... TN
N4TK NASHVILLE .....107.2 TN
WZ8E BLUEFIELD ..... VA
KF4LWH SOUTH BOSTON ..... VA

449.6500 / 444.6500

K4YC IVEY ..... GA
WB4FUR STENNIS SPC CEN ..... MS
N5NBG WALLS ..... MS
NE4J MIDDLESEX .....179.9 NC
N4MME #SALISBURY ..... NC
WA4US WILMINGTON ..... NC
WB4NKM GREENEVILLE .....100.0 TN
W4CAT SHRT MT/MURFREB .....107.2 TN
N4EHJ RICHMND/CHLTVL ..... VA

449.6750 / 444.6750

N4YTR PEACHTREE CITY ..... GA
KC4VYX ROBINSON CREEK ..... KY
KF4AWA SALVISA .....203.5 KY
N5PS GREENVILLE ..... MS
W4WBT CHARLOTTE ..... NC
KE4JDP #JACKSONVILLE .....88.5 NC
KD4IHW RESEARCH TRI PK ..... NC
W4GS MYR BCH/CONWAY ..... SC
WA4PCD NASHVILLE ..... TN
WD4MIZ NORFOLK .....107.2 VA
K9WGB GASSAWAY .....123.0 WV

449.7000 / 444.7000

WD4LUQ DALLAS .....77.0 GA
WB4DOJ MILLEDGEVILLE .....156.7 GA
KF4BJM VALDOSTA .....141.3 GA
N5KOL BOWLING GREEN .....136.5 KY
NC5Y JACKSON ..... MS
KD4BGD LUMBERTON .....114.8 NC
N4JEH ROCKY MOUNT ..... NC
AE4GA STATESVILLE .....94.8 NC
K4AIJ DANVILLE/WHT OAK ..... VA
N4WWB GATE CITY ..... VA

449.7250 / 444.7250

SERA REPEATER INDEX LISTINGS BY FREQUENCY - Continues

KD4AOZ WATKINSVILLE ..... GA
KY4K HENDERSON .....203.5 KY
KE4ISR LEXINGTON ..... KY
W4ZCD HICKORY FLAT .....179.9 MS
KD4MMP WINSTON-SALEM .....107.2 NC
WA4AKM FRANKLIN .....107.2 TN
WB0TMC JACKSON .....107.2 TN
N4CKB SEVIERVILLE .....123.0 TN
KF8FO LEWISBURG .....103.0 WV

449.7500 / 444.7500

N4ZRF LAKEMONT ..... GA
KE4AIF HOPKINSVILLE .....103.5 KY
WB9SHH MONTICELLO ..... KY
W5VZF STARKVILLE ..... MS
KC4YOT GASTONIA/CRWDR ..... NC
KD4JFN PITTSBORO .....107.2 NC
K4TC HENDERSON ..... TN
N4PYI MT JULIET .....156.7 TN
WD4KQI FOREST ..... VA

449.7750 / 444.7750

N4NEQ ATLANTA/MARIETTA .....118.8 GA
N4MXC COCHRAN ..... GA
N4IWZ ALLEN .....123.0 KY
KC4UPE NICHOLASVILLE .....167.9 KY
K4JDR CARY .....100.0 NC
KR4EX OLD FORT ..... NC
WA4RQF #WINSTON-SALEM .....103.5 NC
WA4AKM GALLATIN .....107.2 TN

449.8000 / 444.8000

WA4ASI COVINGTON .....88.5 GA
W4BEJ ELIZABETHTOWN ..... KY
KB5CO JACKSON ..... MS
WB4PMQ GREENVILLE .....131.8 NC
K4YEC REIDSVILLE .....107.2 NC
KD4QMS SOUTHERN PINES .....118.8 NC
K0JXI MEMPHIS ..... TN
N4PYI NASHVILLE .....110.9 TN
KB4MIC OILVILLE ..... VA
WV8B BECKLEY/OAK HILL ..... WV
W8CUL MORGANTOWN ..... WV

449.8250 / 444.8250

W4DOC ATLANTA .....146.2 GA
KC4UPE BEATTYVILLE .....192.8 KY
KC4VXR SALEM .....100.0 KY
KB5DSN AMORY ..... MS
KF4UY MT AIRY/FSH PK .....100.0 NC
K4GWH RALEIGH .....146.2 NC
K5FE MEMPHIS .....107.2 TN
N4PYI SMITHVILLE .....107.2 TN
WA4ZBP STAUNTON .....131.8 VA

449.8500 / 444.8500

N4BZJ DALTON ..... GA
N4YXL GREENSBORO .....103.5 GA
KF4UM HINESVILLE ..... GA
KC5LXF PINOLA ..... MS
W4CQ CHARLOTTE ..... NC
K4GMP WILMINGTON .....88.5 NC
WD4MWQ MCMINNVILLE ..... TN
K7AG MEMPHIS .....107.2 TN
AB4SF RICHMOND ..... VA
WD4KZK ROANOKE/READ MT .....107.2 VA
AA8MR HUNTINGTON/CHAS .....131.8 WV

449.8750 / 444.8750

KC4UPE SALVISA .....167.9 KY
N5HTQ MCCOMB .....100.0 MS
KD4RAA RALEIGH .....162.2 NC
WA4AKM NASHVILLE .....107.2 TN
KB4WTP BIG "A" MTN ..... VA

449.9000 / 444.9000

NA4I AUGUSTA ..... GA
N4KHQ DAHLONEGA ..... GA
WB4IVB CORBIN .....100.0 KY
W4YWH HIGHLAND HEIGHTS ..... KY
N4DWT ASHEVILLE ..... NC
WD4JMS NEW BERN .....100.0 NC
NE4J WILSON .....179.9 NC
WB4MMI RAMER ..... TN
W4LYR WATERTOWN .....100.0 TN
N4XRY FANCY GAP ..... VA
N8SCS BELINGTON .....71.9 WV
KE4QOX LOGAN ..... WV

449.9250 / 444.9250

WB4NFG IRWINTON .....77.0 GA
KY4X GLASGOW ..... KY
KO4LI OLIVE HILL ..... KY
N5PYQ SOUTHAVEN .....107.2 MS
WB5TTE VICKSBURG ..... MS
KB4WGA DURHAM .....88.5 NC
KE4ZTD HATTERAS ISLAND .....131.8 NC
N4XRY MOUNT AIRY ..... NC
AC4RZ EASLEY/SAS MTN .....103.5 SC
WA4AKM COLUMBIA .....107.2 TN
N4VIH DOVER ..... TN
KD4TZD KNOXVILLE ..... TN
WB8BON ROANOKE/TINKER M ..... VA

449.9500 / 444.9500

WR4MG PERRY ..... GA
N4DUE LEXINGTON ..... KY
WB5YGI PHILADELPHIA ..... MS
N5VGK TUPELO .....192.8 MS
WA1WXL DALLAS/CHARLOTTE .....136.5 NC
W4DW RALEIGH ..... NC
KF4GP CLARKSVILLE .....167.9 TN
W4EYJ CROSSVILLE .....107.2 TN
WB4NNE MEMPHIS ..... TN
W4WRN STAUNTON ..... VA
WA4KXV VIRGINIA BEACH ..... VA
WB8CQV SO. CHARLESTON ..... WV

449.9750 / 444.9750

WA4YNZ ATLANTA ..... GA
K4TVE BRUNSWICK ..... GA
W3LAP COCHRAN .....77.0 GA
WA4YNZ #CUMMING ..... GA
KC4QK ASHLAND .....107.2 KY
WB4CWF NICHOLASVILLE ..... KY
KQ4ML ASHEBORO ..... NC
W4YMI #NEWPORT CCARS ..... NC
KC4ZTJ POLKVILLE ..... NC
WM3O ORANGEBURG ..... SC
KQ4E MORRISTOWN ..... TN
WA4AKM NASHVILLE .....107.2 TN
N4AZJ PEARISBURG .....103.5 VA

439.2500 / 911.2500

KA5NOJ GAUTIER ..... MS

426.2500 / 923.2500

K4CQ LYNCHBURG ..... VA

439.2500 / 923.2500

KY4ATV #LEXINGTON ..... KY
W4HTB BOWLING GREEN ..... KY

920 MHZ

907.5000 / 919.5000
WD4KZK ROANOKE/POOR MT .....107.2 VA

908.8000 / 920.8000
KE4ZEQ RALEIGH .....156.7 NC
KQ4E MORRISTOWN ..... TN

909.0000 / 921.0000
K4CQ LYNCHBRG/TOB MT .....100.0 VA

909.1000 / 921.1000
WA1ZMS BEDFORD/APL ORCH.....100.0 VA

909.2000 / 921.2000
K2AD LYNCHBURG .....100.0 VA

910.2500 / 923.0000
WA4VHP #SAVANNAH ..... GA
K4ZGA NASHVILLE ..... TN

1270 MHZ

1265.0000 / 421.2500
N4BZJ DALTON ATV ..... GA

1253.0000 / 427.2500
N4NEQ ATL/MARIETTA ..... GA

1277.2500 / 427.2500
WB4IUY ZEBULON ..... NC
W4PPN #CHARLOTTE ..... NC

1271.1000 /1283.1000
WA1ZMS BEDFORD/APL ORCH.....100.0 VA

1272.4000 /1284.4000
WA4AKM NASHVILLE ..... TN

1274.5000 /1286.5000
WA4AKM SMITHVILLE ..... TN

1271.0200 /1291.0200
N4CH ROANOKE/POOR MT ..... VA

1271.4000 /1291.4000
KB4SXY GREENSBORO ..... NC

1272.0000 /1292.0000
KB4KIN ATLANTA/BELL ..... GA
N0WFL BLYTHEWOOD ..... SC
N4HKS MEMPHIS ..... TN

1272.8200 /1292.8200
KE4GTM GASTONIA/CRWDR ..... NC

2.4GHz

2441.6000 /2411.6000
WA1ZMS BEDFORD/APL ORCH..... VA

SouthEastern Repeater Association, Inc.

The not-for-profit Recognized Repeater Coordinator for: GA, KY, MS, NC, SC, TN, VA, & WV

1999 Repeater Full Membership Application

Please fill out the this short form SERA Full Member Application completely. Maximum number of letters for your repeater name is 14 characters. Be sure to list 2 persons as SERA representatives. ONLY these two will have voting rights, and receive the *Repeater Journal*. MAIL YOUR CHECK AND APPLICATION TO: SERA FULL MEMBERSHIP, P.O. BOX 215, TOBACCOVILLE, N.C. 27050. Deadline to be listed as member in next August 1999 Repeater Journal is July 1, 1999.

	CITY/ MTN. ETC. (MAX 14 LETTERS)	RPTR CALLSIGN	INPUT FREQ.	OUTPUT FREQ
RPTR #1				
RPTR #2				
RPTR #3				
RPTR #4				

USE AS MANY LINES ABOVE AS YOU HAVE REPEATERS-ONE FOR EACH REPEATER. IF MORE SPACE NEEDED, USE SEPARATE SHEET OF PAPER.

NAME TWO PERSONS WHO WILL REPRESENT SERA AS FULL MEMBERS. EACH WILL RECEIVE THE *REPEATER JOURNAL*.

NAME_____ CALL_____
ADDRESS _____
CITY_____STATE_____ZIP_____
HOME PHONE #: ( ) _____
E-MAIL ADDRESS: _____
ARRL MEMBER: [ ] YES [ ] NO

NAME _____ CALL_____
ADDRESS_____
CITY_____STATE_____ZIP_____
HOME PHONE #: ( ) _____
E-MAIL ADDRESS: _____
ARRL MEMBER: [ ] YES [ ] NO

FULL MEMBERSHIP: [ ] NEW [ ] RENEWAL - **($15.00 - FOR REMAINDER OF 1999)** FEE ENCLOSED - AMOUNT $_____

REPEATER IS SPONSORED BY: (Name of Club OR Owner)_____

REPEATER TRUSTEE'S NAME_____CALLSIGN_____

IF A 1998 SERA REPEATER DATASHEET WAS NOT RECEIVED LAST SEP or OCT, INDICATE PERSON'S NAME AND ADDRESS TO SEND 1999 TO:

NAME _____ CALLSIGN_____
ADDRESS_____ CITY_____ STATE_____ ZIP_____

■ *IMPORTANT NOTE: ONLY OFFICIALLY SERA COORDINATED, ON-AIR, OPERABLE REPEATERS ARE ELIGIBLE FOR SERA FULL MEMBERSHIP*

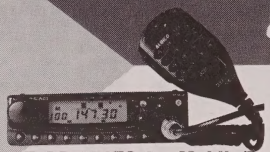
An application for SERA Full Membership status, and the payment of the respective dues thereof, does NOT constitute coordinated status for the repeater(s) listed on this application or accompanying sheets. Contact your local coordinator to learn how to obtain coordinated status.

RJ 05-99

THANK YOU FOR YOUR GENEROUS FINANCIAL SUPPORT OF THE SOUTHEASTERN REPEATER ASSOCIATION, INC. - YOUR LOCAL COORDINATOR

Amateur Radio Excitement Starts Here!

Alinco combines high quality and affordable prices.



DR-150T, DR-150TQ 2m Mobile/Base

50 watts output, 100 memories, Air Band and UHF (440 ~ 450 MHz) RX, Channel Scope™ display, 2 VFOs, auto dial memories, 9600 packet port, H/M/L output, DR-150TQ includes CTCSS decode.

DJ-191T 2m HT

Up to 5 watts output, 41 memories, huge display

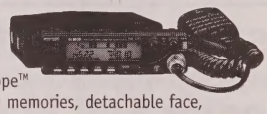
DR-140T, DR-140TQ 2m Mobile/Base

50/5 watts output, 51 memories, alpha-numeric display, AM air band receive DR-140TQ includes CTCSS decode

DJ-G5T 2m/440 HT

Up to 5 watts output, Channel Scope™, 100 memories/band, CTCSS encode and decode, RF attenuator, 13.8 VDC input port, V/U, V/V, U/U, U/V, programmable 2nd PTT, AM air band receive, full duplex and cross band repeat capabilities

DR-610T, DR-610TQ 2m/440 Mobile/Base



50 watts VHF, 35 watts UHF, Channel Scope™ display, 120 memories, detachable face, V/U, V/V, U/U, U/V, RF attenuator, two VFOs, H/M/L output, AM air band receive, internal duplexer, 9600 packet port, DR-610TQ includes CTCSS decode

DJ-280T 222 MHz HT

NEW!

Up to 4 watts output, 10 memories (expandable to 50 or 200), illuminated display, accepts 13.8 VDC input with optional EDH-12. DJ-180T (2m model) and DJ-480T (70cm model) also available.

DR-605T, DR-605TQ 2m/440 Mobile/Base

50 watts VHF, 35 watts UHF, 51 memories each band, "set and forget" squelch, UHF TX range of 430 ~ 449.995 MHz allows for satellite work, internal duplexer, 9600 packet port. DR-605TQ includes CTCSS decode. The value leader in dual band mobiles!

DJ-C5T 2m/440 HT

"Credit card" size, internal speaker, 300 mw output, 50 memories, CTCSS encode + decode, AM Airband RX, soft case, lithium-ion battery, desk charger included!

DR-M06TH 6m FM Mobile/Base

50~54 MHz, 100 memories, 20 watts output. Work repeaters or simplex, includes CTCSS encode (decode optional), DTMF mic.

DJ-S11T 2m HT, DJ-S41T 440 HT

"Pager Size", 340 mw output, 21 memories, uses AA, NiCd or external power, Easy to operate and program, great TX and RX audio, fits in pocket or purse!

DX-70T, DX-70TH HF+6m Mobile/Base/Portable

160m ~ 6m Amateur Band TX in all modes, general coverage RX 150 KHz ~ 30 MHz and 50 ~ 54 MHz, 2 VFOs, 100 memories, removable face for remote mounting, speech compressor, SSB, CW and AM narrow filters, full, semi or automatic break-in, multi-function control, RIT, TXIT, easy split operation, RF gain, CTCSS for 10 and 6m repeaters. Both models feature 100w output on HF, DX-70TH has 100 w output on 6m, DX-70T has 10w output on 6m. Be sure to ask about the optional EDX-1 and EDX-2 antenna tuners.

DX-77T HF Desktop Transceiver

160 ~ 10 m Amateur Band TX in all modes, general coverage RX 500 KHz ~ 30 MHz, 2 VFOs, internal keyer (6 ~ 50 wpm), 100 memories, 13.8 VDC input, optional computer control capability, CTCSS encoder (front panel programmable), RIT, easy split operation, speech compressor, selectable AGC, large front panel speaker. Compatible with the optional EDX-1 or EDX-2 antenna tuner.

DM-340MVT DC Power Supply

30 amps nominal, 35 amps peak, 0~15 VDC variable output, meters included at no extra cost, convenient front panel connections, output connections include binding posts, spring clips and cigar lighter, circuit protection, perfect for base station operation or bench testing.

Simple ▪ Clean ▪ Dependable

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ALINCO DUAL BAND MOBILES

Full Featured Dual Band Xcvr

DR-610TQ 144/430 MHz

For those who "Want it All" in a VHF/UHF radio. Has detachable face, Channel Sco-pe, Direct freq. entry from mike, Up to 240 mem. channels with EJ-23U, or 120 standard. Two VFO's per band. 50/35 Watts with H/M/L power settings for each band. Cross band repeat capability, and capacity to operate full duplex.

"TQ" MODEL **$467.95**

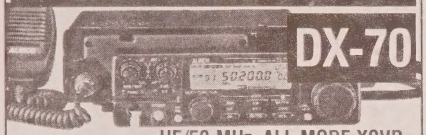
The DR-605 - inexpensive, yet, fully packed with the features most Amateurs look for. Comes with 9600 bpx Packet port, easy to program, with 50 memories plus a call channel. CTCSS encode standard. Optional EJ-24U adds CTCSS decode and tone search features. Cross Band repeat mode.

"TQ" MODEL **$364.95**

User Friendly Dualband

DR-605TQ 144/430 MHz

HF TRANSCEIVERS



DX-70

HF/50 MHz. ALL MODE XCVR

The DX-70 is a full featured HF and 6M transceiver. It has 2 VFOs and 100 memory channels. Full QSK, semi or automatic break-in, standard filter, all mode, two scan modes, separate antenna terminals for HF and 6M. Dial lock, CTCSS for 10M and 6M. RF Gain and attenuator, Hi/Lo power switching and selectable AGC. Works great as a mobile or as a base station. 6 lbs. 7(w)x2¼(h)x9½(d).

Sale! "T" Model **$716.95** | "TH" Model **$811.95**

DX-77 HF transceiver, with 150 KHz to 30 MHz. GC rcvr., xmits 100W on HF 10 thru 160M and 6M.. 100 memory channels. 9.67(w)x3.7(h)x 8.98(d) and weighs slightly over 8-lbs. All mode, noise blanker, all mode squelch, quick offset, RIT, Hi/Lo power controls. There are two VFOs-more!

IRI PRICED AT - **$752.95**

DX-77

DESKTOP HF XCVR
THE ONE THAT DOES IT ALL - FROM IRI!

Prices Subject to change without notice or obligation. Prices shown reflect current Alinco coupon offers, which change monthly. We suggest you email us, or call for confirmation of prices before ordering. NC residents add 6% sales tax.. We accept most any Credit Card.

IRI

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DUAL BAND HANDHELDS

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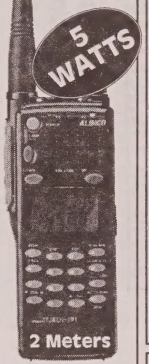

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(Follow same directions as above).

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— I took my radio with me —

It was never intended to be a DXpedition, but I did anticipate more amateur radio than I got. It is easy to plan a lot more into an enterprise than it is possible to realize, and delusions of grandeur are among my faults. Susan and I had put together a vacation-zilla that would keep us away from home for over five months, and would take us half way around the world. We left on Aug 12 with plans that included motoring across the country to California, visiting kids and grandkids, passage to Australia on a freighter, a month touring Australia, a month touring New Zealand, the freighter back to California, and motoring back to North Carolina. The icing on the cake was that I would have my radio with me. Relevant to that, only the freighter passage and New Zealand are significant.

In the back of our old red pontiac I had hauled everything I would need to set up a Ham station on the freighter. I had my Yeasu 747, a small MFJ antenna tuner, paddles, a keyer, a MFJ switching power supply (the ship had 220 volt, 60 hz power), and a heavy box of antennas, baluns, cable, wire, nylon line, etc. The captain of the "Columbia Star" had, of course, granted prior approval, but when I confronted him with this mess and started probing specific ways of setting up, I sensed some apprehension. The captain and the engineering officer were British, and the rest of the crew, 26 in all, were Philippine (who spoke english, sort of). The ship is owned by P&O Nedloyd, a Dutch company, and is of Bahamian registry; so I had to get a Bahamian reciprocal (/C6A) to operate from her. For the first day and a half at sea the captain kept referring me to "Sparkey", the communications officer, for assistance, which didn't seem to be happening. When they caught me hauling a line over one of the spars beside the bridge, help was suddenly there. I wound up with a 40 meter Zepp made from 400 ohm ladder line fed through a balun. The RG8X to it was threaded through a slightly ajar porthole. The antenna sloped up about 45 degrees along the port side of the house, its lowest point perhaps 20 meters above the water. Our heading was 223 degrees so, allowing for obstructions, etc., I guess most of my 80 watts headed out over the south pole.

After assisting with this first installation Sparkey wasn't interested in what I was doing, probably because this was his last tour. You remember that several years ago the Coast Guard eliminated Morse code from its supported modes. Large ships have now gone to satellite digital modes and do all their communication through computers, etc.

This high-tech advanced system can do everything but cook your breakfast, and, while no one on board really understands how or why it works, the user friendly software is so simple that even the captain can do it. So they are now eliminating the radio operators. There is a lesson somewhere in this for amateur radio.

During our 21 days at sea I made 66 contacts from the ship. These were all CW in a relaxed ragchew mode (I don't do well in a frantic pileup). It turned out that there were lots of things to do besides amateur radio, and, with the nine other passengers aboard, there was some activity almost every day. Although it was certainly no luxury cruise ship, our accommodations were commodious, clean and pleasant.

The passengers had the run of the ship, particularly the bridge, where we were indulged and all our silly questions answered.

The Columbia Star is a container ship, 20,000 gross tons, 150 meters on deck by 27 meters wide and the bridge is about 35 meters above the water. It is powered by one nine cylinder two stroke diesel rated at 18,605 horse power at 130 rpm. This is connected directly to a five bladed propeller of 8.3 meter diameter. The pistons on this baby are 700 mm diameter and have a 1.25 meter stroke (I was impressed).

Columbia star can handle as many as 992 containers the size of trailers on 18 wheelers.

When Susan and I arrived in Australia we put away the radio stuff and did tourist things. We saw five cities and the barrier reef in 25 days using a mixture of airlines, trains, buses and boats to get around. Then we flew to New Zealand and rented a camper van to motor around the islands for another month. I broke out the radio stuff, obtained my New Zealand reciprocal and attempted to resume my radio adventures. The plan was to enjoy the beautiful country during the day, pull into a campground and, utilizing the anticipated trees, throw up an antenna for an evening of radio. It worked that way twice. On the third try the power supply blew on my first transmission. (MFJ honored their warranty and replaced it after I got back to the states - so...) New Zealand power is 50 cycle/220 volt, different from the US grid but well within the advertized range allowable for the unit. I spent a lot of time and met a lot of interesting people trying to get it fixed or replaced, but to no avail. We took a half day to go to Upper Hutt (just north of Wellington) to the New Zealand Radio Transmitters Association (the counterpart of ARRL), and had a nice long visit with Debby Morgan who manages their office. She suggested some possibilities for getting the power supply fixed, but nothing that we could accomplish with available time and resources.

Amateur Radio is alive and well there. New Zealand is small compared to the US: in both land mass and population about the size of the state of Colorado. Its largest city, Auckland, has less than a half million people. In the United States there are just under a half million hams, which comes to about 1.8 hams per 1000 people. In New Zealand there are about 5000 hams, which comes to about 1.5 hams per 1000 people. In the US about 35% of the Hams belong to ARRL and in New Zealand about 43% of the hams belong to NZART which turns out to be about 0.64 members per 1000 population in both counties.

More than half the land area is in the southern island, but more than three quarters of the people live on the north island. The climate is from moderate to cold since it sits rather further south than the US sits north. It is geologically young and has plenty of mountains and occasionally volcanos and earthquakes. It also has lush rain forests, fantastically vast grazing lands and spectacular beaches. Since it was isolated during most of evolutionary time from the rest of the world both its flora and fauna show distinctive differences: ferns are a more important part of the flora and there are more birds in the fauna. And, as you would expect, the people in New Zealand are rather different from us. Aside from the fact that they talk funny and drive on the wrong side of the road, they are disarmingly helpful, not infrequently giving you a lot more assistance than you anticipated.

Our trek included virtually all parts of the south island, and a large swath of the north island during which we saw some fabulous country, everything from fiords to glaciers to geysers, and lots and lots of ferns, and lots and lots of sheep, and lots and lots of rain.

On the passage back Susan and I were the only passengers, so we had the whole ship to ourselves (us and the crew), but there was no radio.

We put into Los Angles on 5 Dec, in time to make Christmas with the California Grandkids and finally arrived at home in Oriental, NC on Jan 12.

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Find your State correspondent listed on page 2.
Read their column - find their address!

Your State Correspondent and The SERA Repeater Journal We're can do it for you!

SERA Repeater Journal

Dealer Representative for The SERA Repeater Journal

James Waldrop, KD4IRI, owner and operator of IRI Amateur Electronics of Jamestown, NC has been named an official SERA representative. In this capacity, James has the materials, and capability of soliciting and receiving SERA Membership applications. He will assist our Board in our extensive coverage of hamfests in the Southeast. If you cannot find the SERA Booth at your local show, see James at IRI. He can take your money and application and see that it is turned in on time .

Kentucky Happenings

FRED JONES
WA4SWF
wa4swf@foothills.net
511 LACKEY AVENUE
LOUISA, KY 41230

KY has a new Director Brennan Newsome, KJ4VF of Harold, KY. You can contact him by e-mail; kj4vf@sera.org and brenkj4vf@setel.com. His Vice-Director Jerry Shouse, N4EQT of Lawrenceburg, KY you can e-mail him at; n4eqt@sera.org and jhouse@usa.net. I have been working with both of them and we expect them to give us an item on what all is going on with the coordination at this time and how all of us can be of help.

* * * * *

I am really hoping to see more of us with the SERA at more hamfests and meetings, and working on membership. I need input from you the reader and the repeater operators. I would like to be able to carry stories about many repeaters with pictures in future issues of the JOurnal.

* * * * *

Well I got to get it to show it, this month I was promised two articles and some pictures and I did not get them. It is hard to get out and come up with news. We hope you will help us by putting us on your mailing lists for newsletters, and sending us news about your club, your repeater, your special event, your hamfest. We"ll see that it gets into the Journal.

The Journal comes out quarterly, and I want to see more of Kentucky news in it, but I need help. We are really getting a good coverage area and membership growing very much. If you like what all is being done, let me know, if you don't like the way things are going let me know. If we don't have the input we don't know what to do.

As you can see this article is very short this issue. I just did not have any input from any KY people for the Journal. So I take it that things must be going just fine or no one wants any publicity. Hope you'll help us along in the future.

NC Senate to Consider Fee Amateur License Bill

A bill is before the General Assembly of North Carolina this year, to eliminate all fees for Amateur Radio License plates in the State. Presently hams have to pay an extra fee for the issue of Call Sign plates. Here is the text of the bill to be under consideration.

GENERAL ASSEMBLY OF
NORTH CAROLINA SESSION 1999
SENATE BILL 390

Short Title: Eliminate Fee-Ham Operator Plates: (Public)

Sponsors: Senators Rucho; Cooper, Horton, Odom, Plyler, and Shaw of Guilford (County).

Referred to: Finance. March 16,1999

A BILL TO BE ENTITLED

AN ACT TO ELIMINATE THE ADDITIONAL FEE FOR SPECIAL REGISTRATION PLATES FOR AMATEUR RADIO OPERATORS

The General Assembly of North Carolina enacts: Section 1. G.S. 20-79.7(a) reads as rewritten S.S. 20-79.7.Fees for special registration plates and distribution of the fees.

(a) Fees.—Upon request,the Division shall provide and issue free of charge one registration plate to a recipient of the Congressional Medal of Honor, a 100% disabled veteran, and an ex-prisoner of war. All other special registration plates are subject to the regular motor vehicle registration fee in G.S. 20-87 or G.S. 20-88 plus an additional fee in the following amount:

SPECIAL PLATE ADDITIONAL FEE AMOUNT	
: Historical Attraction	$30.00
: State Attraction	$30.00
: Collegiate Insignia	$25.00
: Olympic Games	$25.00
: Special Olympics	$25.00
: March Of Dimes	$20.00
: Scenic Rivers	$20.00
: School Technology	$20.00
: Soil and Water Conservation	$20.00
: Wildlife Resources	$20.00
: Personalized	$20.00
: Active Member of the National Guard	NONE
: AMATEUR RADIO OPERATOR	NONE
: Purple Heart Recipient	NONE
: All other Special Plates	$10.00

Section 2. This act is effective when it becomes law.

North Carolina Amateurs are urged to contact their respective Legislator or State Senator, especially those on the Finance Committee, and urge them to vote for Senate Bill 390.

Virginia Amateurs May get Special ID Cards from State

-From ARRL Letter (4-1)

Qualified Virginia Amateurs can now obtain Department of Emergency Services photo identification cards and license plates bearing the RACES logo through the Virginia Division of Motor Vehicles.

Registered members of Virginia ARES or RACES who meet stringent requirements may be issued the new photo ID and RACES-logo plates (ARES members, by formal agreement, are also RACES when activated by a governmental entity).

Virginia State RACES Officer Frank Mackey, K4EC, says "law enforcement, emergency management officials and security professionals have become more concerned about who is allowed to enter secure areas during times of emergencies." The standardized, high-security ID will be easily recognized by authorities in charge of disaster and emergency situations.

The plates and ID cost $15 for a two-year term (renewable). Applications and further information are available at http://aresva.org/news/news.html (click on the Virginia RACES ID Cards Information link)

.--Martin Gary, W2MG; Frank Mackey, K4EC

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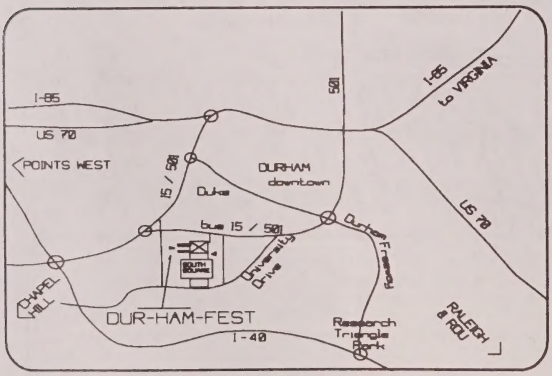

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KM4UO DESIGN

Parts of Tennessee hit by January Tornadoes

-by Bob Gault, KD4NEC, RJ Correspondent

Note: Due to the lateness of the incidents, occuring far past our February deadlines, we were unable to get coverage of this in our February Journal. The story's importance, and our desire to give as much coverage as possible to our member states, however, warrents it be in this issue. - the Editor.

January is not your typical month for severe weather. But 1999 will go in the record books as a time of severe weather - including tornadoes that struck the towns of Jackson and Clarksville.

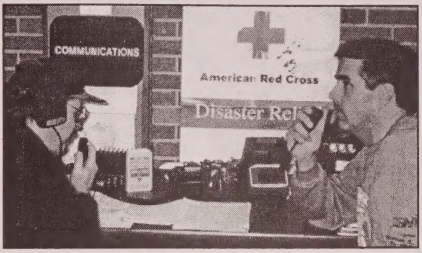
Emergency Management officials in those counties placed ham operators on alert as National Weather Service officials posted tornado watches and later upgraded them to warnings as reports began coming in from spotters of " tornadoes on the ground " in several areas.

First hit was Jackson, Tennessee, which is about 25 miles north of Memphis. Two twisters struck there on January 17, activating Skywarn spotters in Madison County and the surrounding area.

The storm tore through part of Jackson's business district as its progress was being tracked by hams. Officials reported nine people dead and more than 75 injured.

Four days later, on January 21, a tornado struck Clarksville, Tennessee, just northwest of Nashville, where a tornado a few months earlier had inflicted millions of dollars in damage to downtown.

In both situations, hams were very active - not only as spotters working under Skywarn -but assisting on damage assessment teams which went out to determine the extent of storm-related damage.



David Nailing, KF4JYP and Ricky Brown, KE4CES, net control operators for the American Red Cross/ARES Damage Assessment team.

Rickey Brown, KE4CES, helped coordinate about 850 volunteers in relief efforts in Jackson. Brown is public information officer for the West Tennessee Amateur Radio Society. He coordinated clean-up work by church and civic groups, and city and county employees.

Club President Kenny Johns, AB4EG, Madison County's E-C, said much credit should be given to the VolNet, a linked repeater system covering four states. Johns said the repeater system was operating during the disaster permitting communications over a wide area. The system, which is maintained by Andy Masters, NU5O, links from Little Rock, Arkansas to Nashville, Tennessee.

Johns said no one expected tornadoes during the peak of winter, and they have permanently changed hundreds of lives. But he said the area is much safer having the VolNet in operation.

Clarksville sustained heavy damage, including the towns police station and city hall which were completely destroyed. Jim Jarvis, WE4JJ, Tennessee ARES EC, assisted in getting assistance to Clarksville. Three dozen hams were active in providing communications during the disaster.

In their aftermath, the National Weather Service has called the severe weather an "unprecedented" event. Some areas were pelted by hail as large as grapefruits.

Skywarn volunteers remained on alert several days while a severe weather threat remained in effect.

Brown reports 30 Madison County hams logged over 294 hours helping asses storm damages.

Those who took part include: AB4EG, KD4DRQ, KS4IA. N4JBL, KB4DFC, K4BNX, KQ4GE, N4TNC, KE4GPR, KD4GPR, KD4KPV, KF4JYP, KD4RIP, KF4GNV, KM7W, KF4GNC, KD4REX, AD4RF, KO4QG, K4BEV, KF4GNB, KE4CES, WO9O, KD4VWN, KF4ZUP, KD4RPV, and WD4Q.

Tornado Destruction in the Jackson, TN area.

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From the West - Tennessee News

BOB GAULT, KD4NEC.
221 Cedarwood Trail
Cleveland, TN 37312
bgault@wingnet.net

Rickey Brown, KE4CES, has recently been appointed as public information officer for the VolNet, a linked repeater system covering a great portion of west Tennessee. Brown is no stranger to publicizing amateur radio. He also serves as P-I-O of the West Tennessee Amateur Radio Society.

VolNet, a six repeater network, covers an area between Little Rock, Arkansas and Nashville, Tennessee. This area includes several interstate highways.

The system was originally designed and is maintained by Memphis air traffic controller Andy Masters, NU5O, the repeater system is open only to members, transients and those requiring emergency services.

Equipment is valued in excess of $20,000 and upkeep is costly. Masters serves as one member of a board of Directors which oversees its use. Others serving are Mark Hollomon, KD4MJA, Doug Johnson, KQ4PX, Carolyn Masters, KD4HCW, Jimmy Owens, WA4NIF, Dave Peters, KD4KPV, Jeff Sipes, KD4GCT, and T.J. Warren, AE4AC.

The backbone of the system are repeaters in Memphis Tn. on 145.130, McNairy Tn. on 147.075, Fruitland Tn. on 146.775, Oxford Ms. on 145.470, Brucetown Tn. on 145.170, and Bucksnort Tn. on 145.430. Each repeater has a 107.2 tone and are liked via U-H-F.

* * * * *

Some middle Tennessee hams are trying to build a linked system that offers mobile coverage on interstates. They are also interested in wide coverage communications during severe weather and other emergencies. If you're interested in participating, contact terry@edge.net.

Harrill Receives '99 ARRL Roanoke Div. Service Award

Norman Harrill, N4NH of Asheville, NC (rt) receives the ARRL Roanoke Division Service Award for 1999 from John Kanode, N4MM, Roanoke Division Director. The Service award is presented annually to an outstanding ham in the Roanoke Division who has given many years of service to Amateur Radio and his community. Norman is past president of the Western Carolina ARS, and now in charge of the WCARS-VEC. *-photo by John Covington, W4CC*

In January, a meeting for ARES, RACES and Skywarn volunteers was hosted by Meigs County ARES. In the second such meeting, about 30 hams gathered to discuss emergency communications. Of primary interest to the group was access to the National Weather Service in Morristown, Tennessee during the upcoming severe weather season. Everyone agreed a reliable link is of utmost importance. It was suggested a 440 repeater - linked through a 220 repeater - would be one alternative. As of press time for this issue of the Journal, it is our understanding the system is still under development.

* * * * *

The Wilson County Amateur Radio Club has regular meetings on the first Saturday of odd-numbered months, at the Middle Tennessee Electric Co-op building in Lebanon. Starting time is 7 p.m.

* * * * *

Recently Sumner County hams were reminded that ham radio has always been known as a " Do-It-Yourself " hobby. Older hams remember days when equipment could be constructed at home, a time when electronic gadgets were large and bulky. Homebrew has been an important part of amateur radio leading often to development of new ideas and equipment.

* * * * *

Stones River Amateur Radio Club took part in a weather spotters refresher course in February. Over 70 people attended. The audience included Red Cross and Civil Air Patrol members.

* * * * *

Maury County hams are considering donating books to their local county library. That way information on amateur radio would be available to both hams and those interested in getting their ticket. Sounds like a good idea!

* * * * *

The Ocoee Amateur Radio Club's repeater is on the air on 442.925 with a P-L tone of 107.2 hz. The repeater is located atop White Oak Mountain in Hamilton County, affording coverage over Bradley, Hamilton, and Meigs Counties.

Club president Chris Palmgren, W4OARS, has been named assistant E-C for ARES in Hamilton County by E-C Dewey Bryant, KD4EHC. He is the first of several assistants Bryant plans to name in the near future.

* * * * *

Anything you would like to contribute for the August issue of the Journal, send it via postal mail or e-mail to the address on this page. Send us your newsletters too.

We also invite you to read our other story in this issue about the Tornadoes in Western Tennessee last January. Until next time, 73's.

The T.A.R.A. (Tri-State Amateur Radio Association)

HAMFEST & COMPUTER SHOW 1999

At the Veteran's Memorial Field House - 2590 5th. Ave.

Huntington, WV

Saturday, August 14th

8:30 a.m. until 2:00 p.m.

Entrance Tickets - $5.00 - Food & Refreshments - Free Parking
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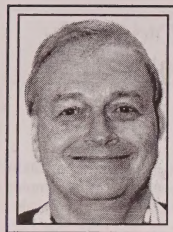


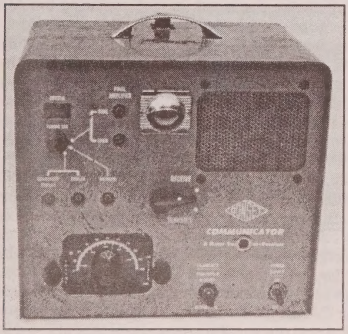
Nostalgic Wavelengths

DAVID BOWER K4PZT
d.bower@ieee.org
P.O. BOX 10145
KNOXVILLE, TN 37939

"The Golden Days of Six Meter AM"

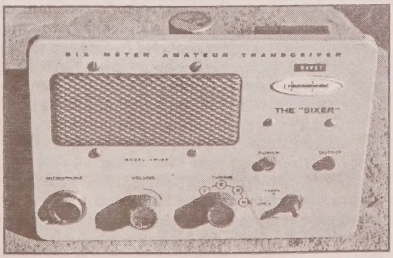
Return with me to the exciting years when 6 meter AM was "King." It was the time when SSB was just starting to make an impact on low band HF. Six meter F2 skip was starting to wane (with the declining sunspot activity) in the late 1950s on six meters and Sporadic E-Skip was supporting the majority of DX on the "Magic Band." The influx of newly licensed hams, with the Technician grade license becoming available, brought many new operators to this VHF band. There was a large diversity of manufacturers specifically offering six meter gear; other manufacturers supported six meters by offering it along with their HF coverage. This was also a time when many hams, largely because of economics, built their own AM transmitter for six. Typically, six meter reception was handled with a HF receiver with outboard six meter converter. While there were several HF receivers with 6 meter capability, a converter connected to a good quality HF receiver usually added improved performance on six meters. When purchasing "ready-built" equipment, a six meter amateur had the choice of purchasing the transmitter and receiver as separate components or choosing a transceiver.

Although transistors were starting to make inroads as active electronic circuit elements, vacuum tubes were to dominate the spectrum of six meter equipment well into the 1960s. When solid-state devices started to dominate the ham market in the late 1960s (and early 70s), SSB was starting to grab hold and FM was gaining in popularity for VHF-UHF communication. But let's get back to six meter AM. Early gear for AM communication utilized such popular RF output tubes as the 2E26 and 6146, followed by the 6360 and others in later years. Generally a tube such as a 6U8 or 12AT7 was used as an oscillator-doubler; getting the frequency up to the 6 meter range at the input of the final.



The Gonset Communicator - great for 6M AM

The oscillator used 8 Mcs crystals (operating on the third overtone). The doubler stage (mentioned previously) multiplied the "25 Mcs frequency by a factor of two to reach the 50 Mcs band. If you do the math, you'll see that a 8.4 Mcs crystal used for 50.4 Mcs (ie 8.4 Mcs crystal x 3 overtone x 2 in the doubler) gets us up to this frequency. External VFOs were available if you wanted to be "frequency agile." The "best" type of AM modulation was "plate modulation," although other methods such as screen grid modulation also worked. Plate modulation allowed 100% modulation to be obtained, and other types generally did not approach this level of efficiency. Plate modulation required an expensive modulation transformer and also sufficient power to achieve 100% modulation. For example, a 40 watt input transmitter required 20 watts of audio power to achieve 100% AM plate power modulation. Popular audio tubes such as the 6L6 were frequently used.



At a much lower cost, the popular Heath Sixer was used for Six Meter AM extensively in Ham radio.

Let's explore popular equipment from this era as we look back. Certainly the Gonset Communicator lead the way, and it is one of the first true transceivers; even including a power supply. The Communicator-II had a 2E26 final amplifier, a rotary dial for receiving and used a tuning eye tube in place of a conventional meter. The later Communicator-III had a linear tuning dial and analog meter. Both units were crystal controlled with an RF power output of approximately 8 watts. A number of Gonset transceivers from this era were painted for "Civil Defense" purposes and had a big CD symbol on the cabinet. Later popular transceivers followed such as the Heathkit HW-29 (known as the "sixer"), Lafayette HE-45, Solar VI, Clegg 99'er and Knight TR-106. Separate transmitters and receivers were also popular in this period. Popular HF transmitters such as the Johnson Viking Ranger-II, Hallicrafters HT-40, Multi-Elmac AF-68 and Globe Scout 680 covered six. HF communication receivers including six meter coverage were the National NC-270, Hammarlund HQ-110 and HQ-170, Hallicrafters SX-140 and Gonset G-63. If you wanted specific gear aimed at VHF, you could choose from the Whippany Laboratories LI'L Lulu separate transmitter and receiver, Ameco TX-62 transmitter (it also covered 2 meters), Neil Alpha 6 or Beta 6 series of transmitters, Heathkit VHF-1 Seneca transmitter (including 2 meters), and a really old one—a Harvey-Wells TBS-50. Transmitters specifically manufactured for six meters were much more common than receivers made only for this for this band. In many cases, a separate receiver for six would be selected from an HF unit covering this band and, in other cases, a better approach involved a separate six meter converter such as the International Crystal FCV-2, Ameco CN-50K, and

The Clegg Venus, although designed mainly for SSB, could also operate AM on six meters.

(Continued on Next Page)

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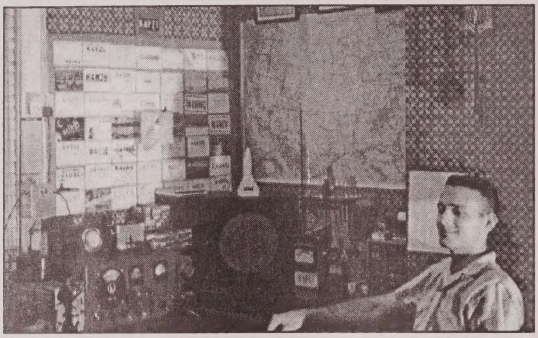
The Golden Days of Six-Meter AM - Continues

Johnson 6N2 (it also covered two meters).

Six meter AM operation would dominate the band for several years as SSB gained in popularity. Part of the reason was cost and the time needed for technology advancement to be developed for VHF and UHF communication. Another reason had to do with available spectrum space being limited for HF, but more "spacious" for six meters. And then there was the homebrew aspect for six meter equipment. Building AM equipment, from scratch, for six meters was less complex than similar SSB equipment. In the late 1950s, and into the 1960s, a good six meter AM rig really had a "great sound" compared to early SSB equipment because of difficulty in tuning of SSB for clarity of audio. Strangely enough, six meters is still a haven for a dedicated group of amateurs operating on the "Magic Band." The frequency of 50.4 has been designated as the calling frequency for AM. Part of the "magic" of six meters lies in the diverse modes of communication one can find on the band along with the many intriguing types of propagation supported. Why not try AM on six—it's relatively economical to find used gear and it will give you a "taste" of early communication on the "Magic Band.



David Bower, K4PZT, sits at his 6-meter Am station in 1963. A 40-watt AM homebrew transmitter is at the bottom left. A Hallicrafters SX-25 receiver (with converter) is to the right.

SECOND ANNUAL

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Care to Dabble with the Old Stuff - Here's A Repeater Journal Bonus -

Tips on Used AM Equipment for Six Meters

-by David Bower, K4PZT

At many hamfests, used six meter AM equipment in good condition can be located at bargain prices. It is probably better to look at simpler equipment for six which will be easier to maintain and operate. Transceivers such as the Clegg '99er, Gonset G-50, and Lafayette HE-45 are an example of types to investigate. At hamfests, or as the opportunity arises, pick up some old QST or CQ magazines for this time era as a reference. Purchasing a "second" piece of equipment (of the same type) for spare parts is also a good idea. It is wise to determine which tube types can still be readily purchased such as the popular 6146. A really important item for consideration is the manual. Is it complete and include a schematic diagram? If not, some companies have manuals for older equipment. Some manuals may even cost more than you paid for the used gear, so try to find equipment with a complete manual. If the equipment is crystal controlled, locating equipment with crystals is very prudent these can be expensive and hard to locate. The popular 50.4 AM frequency "typically" requires an 8.400 Mcs crystal. Many rigs from this era use high impedance crystal microphones, and if the microphone used with the rig is available, so much the better. Some transceivers such as the HE-45 (mentioned above) are also available with a matching VFO.

In working on used tube equipment, safety is a VERY IMPORTANT reminder. Only individuals with through experience in working on equipment with high voltages and vacuum tubes should attempt internal repair or alignment. The voltages that can be encountered internally are often in the 400-600 DC volt range and can be lethal. So observe PROPER high voltage safety precautions and those recommended by the manufacturer. Of prime importance is to inspect the AC power cord. See if it looks frayed or otherwise damaged. In fact, replacing the AC power cord is probably a good idea for all older vintage equipment. Typically, electrolytic capacitors may be leaky or even shorted. Leaky capacitors sometimes result in AC hum in the signal and other anomalies. Bad switches and controls are often noisy and require cleaning with a GOOD contact cleaner (again, observe safety precautions when using such cleaner/solvents). Tube socket contacts can also be corroded and produce intermittent performance. Again, contact cleaner helps—BUT DO NOT SPRAY ON HOT TUBE BASES!! An old trick from this era is to slightly twist the pins (FOR 7 AND 9 PIN TUBES ONLY—DO NOT TRY THIS WITH 8 PIN OCTAL TYPES!!) a bit so they will make better contact. But you need to be careful in doing this—too much can damage the tube or result in breakage, and potentially cutting your fingers. Don't forget—vacuum tubes get VERY hot and can burn you—so wait until they have cooled off before removing a tube. Tubes with plate caps are sometimes loose and can be fixed by re-soldering the tube plate cap CAREFULLY. Tuning an AM rig is fairly simple. Typically, you peak the grid drive to the correct level (about 2-4 milliamps for 2E26 and 6146 tubes) or as recommended by the manual. It transmit mode, the plate current is first adjusted (or "dipped" as its's usually referred to) for a minimum. As an example, a 40 watt INPUT rig with 400 volts on the plate will typically generate 100 milliamps plate current (ie 400 volts x 0.100 amps=40 watts). Next, adjust the loading for a maximum and re-dip the plate current for a minimum. Several tries may be necessary to optimize the output, noting that adjusting the plate current for a minimum should be the last adjustment. Sometimes, the plate current dip can be slightly adjusted "just either side of minimum" for best modulation. Some six meter equipment may require neutralization to prevent "independent" oscillation of the final amplifier and it is a good idea to check neutralization when replacing a final amplifier tube. If the transmitter uses self bias (NOT external bias supply), the crystal can quickly be pulled and re-inserted to see if RF output drops to "zero"—as it should—(using an inline SWR bridge in forward power mode). Under such conditions, the plate current will increase greatly—so BE QUICK!! With the transmitter operating normally, and the bridge still inline, the forward output power should increase when you modulate the transmitter. And don't forget about TVI. A low pass filter on the transmitter, or a high pass filter on the television receiver usually helps. A copy of the ARRL Handbook from this era is a good reference source when working with AM type tube equipment.

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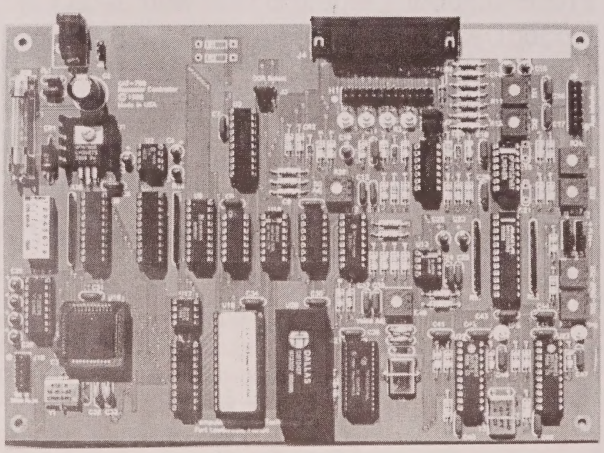

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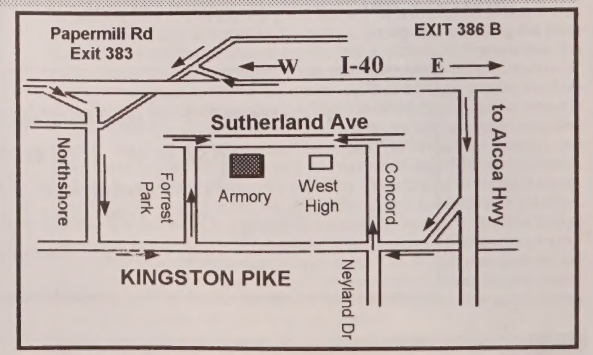

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Spring Fling

Springtime is here.....along with lightning. I hope everyone is ready to get prepared! Also in the spring is the dredded SPRING CLEANING. My mom used to manage to have the windows open, curtains blowing, and fresh air to blow out the germs as soon as the temperature got above 50. My wife prefers the "full garbage bag" process. This includes having the bag sitting near my recliner, hinting of her desire to have my corner cleaned out. I love my corner. This is my corner, piled with magazines, books, various parts, a few note pads, and some small chocolate items . . . as well as ALL of the remote controls.

My thoughts of spring include replacing my G5RV HF antenna, my 2M base antenna up, maybe even a 440 ! I pulled my G5RV down by accident with the rear arm of my backhoe while " working " on removing the snow -kids and their toys.

As repeater owners, now is the perfect time to go up to the repeater cabins: before the heavy spring rains, before the bugs, before the lightning, before the snakes, before the next Nascar Race. . . Lets do some spring cleaning in the repeater cabin! Gather your tools, vacuum cleaner, broom, trash bags and whatever!

While your at it, invite one of our " young " hams to tag along. Granted they will ask 10,000 questions, but YOU will find they will inspire you. They still have that new fire to learn, to build, you help out. I'm not saying you have a slave for labor, but they will really help ! Us old timers like to prop up against the door jam and talk . . . admit it!

Start with just looking at your building. Is it neat? Are there cables running everywhere? Ask yourself, does this reflect my best work? I have to admit mine doesn't. Take your time, vacuum your radios, power supplies, fans, wires, cabinets, etc. Get the spider webs from the corners, clean your air filters, sweep out the floor. Now for the hard part. You know that box of tangled wire, saved for an emergency? THROW IT AWAY! I have those too, after several years I still haven't used anything from it! Throw away those "used" transistors, blown IC chips, blown fuses, the junk. I do it. You do it. Throw it away! Now lets go outside.

Check your cables: look for cut, bent, pinched, scraped, or loose cables. Take a few minutes and cut off those few wire ties and dress the cables neat like they should be! A few minutes and some ties make a big difference! Look at most Cell Phone sites, these are USUALLY neat, dressed cables, things protected from ice and vandals, everything in place. Why not our beloved repeater cabins? Get some foam sealant, seal up around your cable holes, lock out the critters and keep in your heat.

Now is a good time to double check your grounds : check all your clamps, surge protectors and electrical grounds. While you are in ground mode, make sure everything is bonded together! I talked about grounding a few issues back. A few minutes now will make a difference later.

How about your tower? Antennas all lined up? Brackets fixed correctly? Cables attached to the tower? Tower grounded? Guy wires sloppy? Even if you are sharing a tower, make sure your equipment looks like it was planned, not a last minute mistake.

We all have seen commercial sites in a real mess. Ever wonder why they have so many problems? Intermod? Desense? Lightning? Lets all make an effort to clean up our sites. I'll be up there as soon as I finish my little corner. I still wonder if that IS chocolate!

- Till next time ! Randy KB4YFV

Country Ham Returns To the Hamfest Circuit

"Bubba" and Kay Johnson recently announced they plan to return to the hamfest business, after an absence of a couple of years. The SC couple had been fixtures on the hamfest vendor circuit for many years.

"We are going to try selling computer cables, adapters, connectors, etc. over FL, GA, SC & NC," Bubba told the Journal. "This is about the area we traveled before, when we were selling disks and coax connectors. We might add coax connectors back onto the list. Dunno yet. Trying to rig a light-weight trailer strictly for outdoor flea markets.

Kay and I are going to keep the investment small this time, and hope that more clubs put large gates (attendance) as the #1 priority. With so many to choose from, we should be able to travel to FL in the winter and the mountains in the summer. Don't know if we will use a trade name or not - haven't decided yet (although, we always thought the COUNTRY HAM wuz pretty catchy!

CARY
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Amateur Radio Club

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What is Happening - In South Carolina

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The flowers are blooming and the grass is getting greener. Winter has all passed. Now is the time to work on all those projects you have been putting off till spring. In case you have not noticed SPRING has sprung! Isn't it beautiful?

I, have accepted the position of Assistant Director of S.Carolina. I will be helping Bill N4MNH to coordinate the Repeaters in our state. I will be coordinating the southeastern part of South Carolina, Bill will be coordinating the northwestern portion of South Carolina. From Columbia South is me and North of Columbia is Bill's area. I will serve you and the Ham community to the best of my ability. Your Patience will be appreciated till I can get all checked out on the necessary programs and procedures.

We would like to Thank Vince Ott WD4NUN for his many hours of work while Vice-Director for SC. He will be missed.

Union County area

Union County Amateur Radio Club is giving No Code Tech classes. For information call Roger KI4RG .

One of our own Chris Williams KE4KZJ is a Missionary to KunMing, China. There are not many people there he can converse with. He has asked for some pen palls on Internet. His address is > HYPERLINK mailto:mustardseeds@xoommail.com mustardseeds @xoommail.com < He says that ol' Sam must have been a very good salesman, they have a WALMART close by, but no McDonalds. His only link to home is the computer, as he is not yet licensed in China.

Charleston, Berkeley, Dorchester area

CARS, of Charleston, Has just finished a CW class that produced 4 Extra and several Advanced class tickets. They now have a No Code Technician Class in progress in the KE2D Backyard School. It is said, that, " it is worth it just get the Diploma", it is very pretty.

There is a new Weather system on the 145.250 Repeater. It is accessed by touchtones. It will tell you the rainfall, Temp. Wind and speed, Chill factor and Etc for the area. The new Wx machine is also available to the NOAA Weather Station in Charleston where we have at least 4 hams. On site at the weather station, there is also HF, 2-meter and Packet. Jerry Harrison has given several weather spotter classes, including one Advanced class in the coastal area. If you want a Weather spotter class call him at 843-744-1436. It is a very good class.

TARC, Charleston, Phil N7GZT Writes:

The 147.345 Repeater activity is picking up in Charleston, SC area. We have in place a 2-meter remote base that uses the Doug Hall (RB-1) interface. This adapts the Kenwood's TM's Radios so local users can control frequencies, CTCSS, and Power. We have checked into many SC Repeater nets throughout the state. We are also installing 3 receivers in the Charleston area, to improve the coverage area. The First is in Summerville, at 220 Feet. It was installed the week of March 18th. We have excellent reports on both signal and audio. The second is planned to be in the Mt. Pleasant area. These Receivers will be linked Via an LDG Electronics (RVS-8) Voter, and 440Mhz Freq. TARC has been talking to the Orangeburg Club about a full time link to that Area. We have applied for another 2-Meter Frequency to complete the system. Please feel free to use our system when in the Charleston Area. Charleston has the Friendlest Repeaters in the South. *-Phil N7GZT*

* * * * *

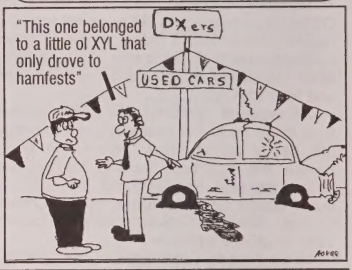
As you read this, the Salkehatchie ARS had their 3rd Annual Tailgate Party at the Community Center in Windsor, SC, on May 1.

* * * * *

I have been getting a couple of Club Newsletters from around the state. Most of the above came from them, let me know what is happening in your area so we can share it with the rest of S. Carolina.

-Ed KE2D SC Correspondent

JOURNAL FUNNY STUFF BY AD4QQ



To the Thousands of Hams, Dealers, Manufacturers

Who attended the March 1999

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MARCH 11 & 12, 2000

At The Charlotte Merchandise Mart - Charlotte, NC

More News about this exciting event in future issues of the Repeater Journal!!

The Repeater Journal Electronic Hamfest Survey!

-by Wayne C. Williams, K4MOB

This is the electronic age, so let's try something electronic. I promise you it will be informative. You give us some important information on what you think, by answering our little survey. It just might just be a little fun for you to "sound off". So join us.

There is a broad cross-reference of questions which pertain to sponsors, dealers and attendees. Please answer each as honestly as you can.

We will print the results in the August issue of the Repeater Journal. If we get enough response to this questionnaire, we'll try again on another subject. So we invite you to participate.

Note: due to personnel shortages, we cannot acknowledge receipt of your email. We advise just sending it once. We will get it ok - but no acknowledgments will be forthcoming.

Instructions. Carefully read the questions below. Most of them will require simple answers. In an email message to us, merely write the Question number down, and then the answer. Do NOT repeat the question. Email your answers to us at:

< editor@sera.org >

Note: If you do not have access to email service, and would like to participate in this survey - we invite you to do so. Write the survey answers the same way you would for the email, and mail it via USPS to the editor. See his address on Page two of this book.

If you email, please use ONLY the above email address. Do NOT send question text, just numbers of the question and your answer.

HERE ARE THE QUESTIONS!

1. (a) Do you prefer 1 day or 2 day hamfests? (b) if the answer is 2, will you attend BOTH days?

2. For one day hamfests, does it matter if it's Saturday or Sunday?

3. If you prefer Saturday and the show is Sunday, (or vice versa), will you go anyway?

4. What do you think is a 'reasonable' admission price for: (a) small swapfest, (b) small hamfest inside and out, (c) medium sized hamfest (d) convention-type with manufacturers.

5. From the A - D type shows above, which type do you like most to the least. (rate them a-d)

6. What prompts you to attend a hamfest: (a) to mainly buy something, (b) or just for fellowship.

7. (a) What's a good time to open a hamfest (i.e. 8 am, 9 am, etc)? (b) What time do you usually leave the hamfest and go home? (c) Do you carpool or go alone.

8. (a) Are forums, clinics, exhibits, contests and other activities important to you at a hamfest? (b) Do you attend these activities? (c) what type do you like? (d) How long should any activity last?

9. (a) Do prizes or their value, influence you as to whether to go to a hamfest or not. (b) Do you like hourly prizes? (c) Should the grand prize winners be present to win? (d) Do you like pre-registration prize drawings?

10. (a) Do you hang around for the prize drawing? (b) Is 3:00 PM too late to draw? (c) Do you like prizes that are equipment or cash?

11. (a) Are VE exams at a hamfest desirable and important? (b) Do you think it would be better to have VE testing in the morning or afternoon.

12. (a) Are you overall satisfied at what your favorite hamfest offers you? (b) if not please explain what you want?

13. (a) Do you eat breakfast at a hamfest when they have biscuits and other breakfast items (b) what about lunch? (c) food, snacks or beverages between meals?

14. (a) Is it important to have a significant number of computer and software dealers at a hamfest, or should ham radio be the main focus with few if any computer related dealers. (b) should they be mixed together in the sales area, or separated.

15. (a) Do you feel you are being treated fairly by most venders? (b) Do you prefer to buy from a hamfest vender or from a catalog house out of state. (c) why?

16. (a) Should non-ham radio and electronic dealers such as hobbiests, crafts, etc. be participating in the hamfest. (b) if Yes, does your family enjoy them (c) does this encourage family members to come with you?

17. A little personal information about you and your hamfest habits:

(a) Your age?

(b) How many hamfests do you attend a year?

(c) How far will you go?

(d) do you go early and stay overnite?

(e) Do you try to support the local or area hamfest?

(f) Do you try to support the dealers who attend your "home" hamfest.

(g) What prompts you to try a "new" hamfest you've never attended before?

18. (a) Do you check hamfest ads in the Journal? (b) Is the Journal hamfest calendar of any value to you?

19. (a) Should the individual hamfest sponsors in their paid advertising, list names of dealers who will be attending their show? (b) should the ads have maps to assist you in finding the location?

20. And now your personal opinion! (a) Are there too many hamfests - too few hamfests. (b) too many dealers - too few dealers.

21. And one final question. (a) Have you attended a hamfest in the past, that you will not go back. (b) Would you care to explain briefly why not?

END SURVEY

Remember: If you would like to participate in this electronic email survey:

(1) Write down ONLY the question #.

(2) Then write down the answer beside the number, and email it to us at:

< editor@sera.org >

While you're at it, tell us how you liked this new type of Journal reader activity. Maybe we can do it again! We really appreciate your participation and support of SERA and the Journal.

Falls Lake Amateur Radio Club Presents it's Eighth Annual

BUTNER (nc) SWAPFEST

NC National Guard Armory - Central Avenue, Butner, NC

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ARES Forum - Skywarn Forum - N4NCT VE-Team Exams 10:00 AM

Ham Biscuits - Coffee - Hot Dogs - Soft Drinks

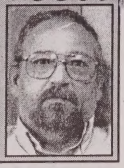
Don't miss this one! Come see your friends!

Bring your goodies, buy, sell & trade!Talk in 146.94 WA4IZG Rpt.

Virginia

News from the Western Side

LYLE PALMER, KI4BH
ki4bh@rev.net (540) 772-3039
6104 MT. CHESTNUT RD. SW
ROANOKE, VA 24018-7602



I would preface this with an apology for missing the deadline for the February issue of the Journal. My computer had gone South for an extended stay. I was amazed at the feeling of loss, from being without a computer!

* * * * *

Through the efforts of Bob KK4IY our Section Government Liaison, Frank K4EC Section EC and Tony KR4UQ ASEC Area A Virginia ARES members will soon be displaying new State issued ID Cards and RACES Auto Tags. These new State issues, require six hours of training and participation in a SET. For full details, you can check the ARES Home page at www.aresva.org .

* * * * *

Gordon K1GG has resigned as ASEC for Area B, citing work responsibilities and the desire to devote more time to his family.

District 13 ARES will host "A Family Fun Day and Picnic" on 22 May. The Location is Longwood Park on East Main Street in Salem,.from 11:00 A.M. until. This is to bring together the operators who will be required to work in unison during a catastrophic event, under conditions more conducive to getting acquainted. As a side note, the men will prepare and serve the food!!

* * * * *

Longwood Park will also be the site of a District wide Field Day effort on June 26 and 27. I encourage everyone to partake of Field Day, somewhere. If you don't spend the entire weekend with your local group, please come by visit, operate and swop lies.

* * * * *

Virginia Tech, in Blacksburg will be the location of the first ever, District 13 Communications Conference and Training Session on 24 July. The details are still sketchy, but this is not an event to miss. Attendance will fulfill the 6-hour training requirement for the State issued ID Cards. Seating is limited. Preregistration is requested. Please contact KI4BH at ki4bh@rev.net for information or registration.

While on the subject of registration, I would urge everyone to register for ARES. You can accomplish this through your local EC or online via the State ARES page.

* * * * *

Lastly, a reminder of the Old Dominion Emergency Net which meets on 3.947 MHz. The ODEN meets at 6:30 P.M. on the 1st and 3rd Monday nights of every Month. And again on the last Wednesday of each month at 8:45 P.M. Is your District represented on the Net? If you check-in, IT WILL BE!

* * * * *

I hope to see you at the Picnic, Field Day and the Communications Conference. Until then 73 and happy hamming. Send news, and your newsletter to me. *- nx KI4BH*

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Things Dreams are Made Of!
Nostalgic Wavelengths
David Bower, K4PZT covers the old memories In every issue of the Repeater Journal. Don't miss it! It brings back memories!

Welcome To The Durham FM Association
WR4AGC REPEATERS
HILLSBOROUGH - 147.225 224.26
DURHAM - 145.45 444.10
Dial *911 For Durham Emergency
Dial *914 For Highway Patrol-Raleigh
DFMA Meets Second Tuesdays at 6 PM
147.225: Home of the "Possum Trot Net"
6:15 - 7:15 AM Monday - Friday

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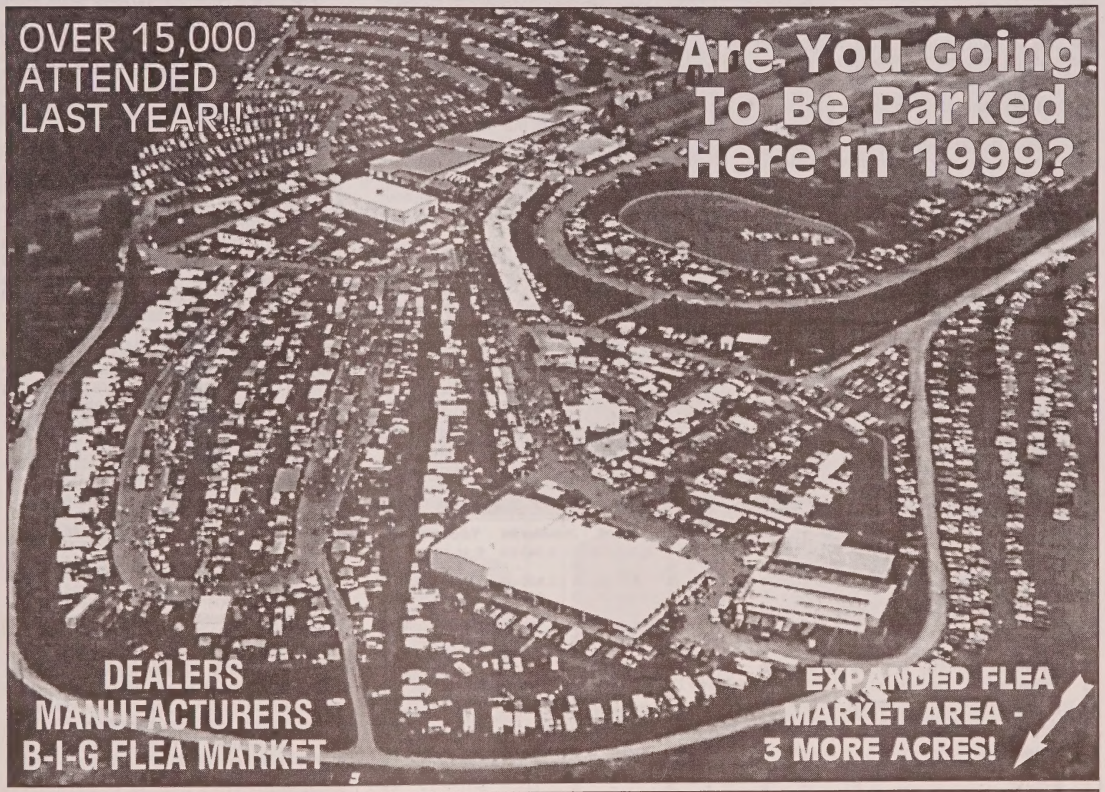

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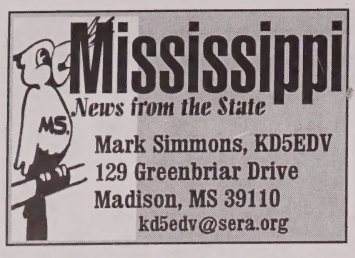


News and tid bits from around the state

The weather for the JARC Hamfest was terrible, but I believe it was a good time for all that attended. It was a pleasure to meet those who had time to come by the SERA table, and we look forward to the opportunity to meet more of you in up coming area Hamfests and club meetings.

* * * * *

On March the 15th we had a transmitter fox hunt, but it wasn't the contest type. Someone managed to transmit continuously from noon to about 5:00 PM on the W5AXQ repeater input frequency. I talked to Dr. Harry Watson who is the repeater trustee about this and he believes that this wasn't intentional. He reminds all of us to set our transmit time out values to a reasonable setting to prevent interference to other amateurs and to protect our equipment. The repeater is located in the Cleary community between Florence and Byram.

The Amnesia net meets every weekday morning at 8:00 AM and Dr. Watson encourages you to participate when you can. W5AXQ has been a licensed ham for almost 75 years. He shared some interesting facts about amateur radio in Mississippi during our short visit. We may hear more from him in upcoming journal issues.

* * * * *

Not too long ago I had the opportunity to participate in SKYWARN at the National Weather Service in Jackson on the KA5SBK repeater. I had checked in before, but had never volunteered to work a shift at the NWS. It was a lot of fun and I encourage all that are interested to volunteer. Your duties typically include reading the bulletins as they come off the printer, checking in stations and relaying specific information to the NWS. Many of the 2-meter repeaters around the state are linked together during a SKYWARN event, so chances are you can participate in SKYWARN as a weather spotter. One thing that is often stressed, but not understood, is that SKYWARN is to help the National Weather Service gather additional information that they may need to do their job. Too often amateurs get caught up in their enthusiasm to help out and needlessly tie up the frequencies to report general weather conditions that will not be passed along to the NWS. This puts the volunteer operator in the uncomfortable position of encouraging participation without scolding the reporting station.

* * * * *

At the March meeting of the CMDRA, Central Mississippi Digital Radio Association, it was decided to make the meetings bimonthly. One interesting project underway is the joint cooperation with the Jackson Amateur Radio Club to get ARPS up and running in Central Mississippi. I've purchased a hand held GPS and hope to be able to use APRS soon.

* * * * *

In the last few months, I've noticed that several repeaters have been off the air at various times and some are still off. We wish there were a way to report status of machines. Maybe we can do some of it in this column. If you have information about upcoming relocation plans or repeater outages, please send me the information and I will try to include it.

* * * * *

Did anyone recognize any of the names in the Correspondence Column in the April QST? Check out page 25.

* * * * *

From the desk of Vice Director Joe Wood

Frequency coordinators have really been busy this quarter coordinating new machines, recoordinating existing machines, identifying unknown (uncoordinated) machines and dropping machines from the SERA database that are not, or have not been on the air according to our Coordination Policy and Guidelines (CP&G).

* * * * *

The CP&G, as we know it, is: "A guide not only for SERA Frequency Coordinators but for the prospective repeater owner and/or trustee explaining how to achieve coordinated status and governing their duties for operating and maintaining repeaters in the VHF, UHF and Microwave amateur frequency spectrum as set forth according to the Federal Communications Commission (FCC) and by the SouthEastern Repeater Association, Inc. (SERA) which is the recognized coordinating body of the eight member states in the southeastern United States". If you are considering applying for a frequency coordination then the CP& G is must reading. Let me know if I can be of any assistance.

Newly coordinated machines either On the Air or Proposed are:

Columbus	KC5ULN	146.025-146.625
Fulton	WX5P	144.850-145.450
Hattiesburg	K5IJX	144.770-145.370
Laurel	KC5PIA	52.450-53.450
Meridian	KB5BRZ	449.100-444.100
Meridian	KC5ZZH	146.055-146.655
Meridian	KI5FW	146.370-146.970
Meridian	KI5FW	449.500-444.500
Nettleton	AB5MU	52.050-53.050
Nettleton	AB5MU	449.625-444.625
Philadelphia	WB5YGI	449.950-444.950

Eight "unknown" machines were serviced and re-coordinated. One was dropped from the database for having never been placed on the air and the applicant gave it up voluntarily which saves a lot of time and expense and makes another frequency available for the ham community. (An unknown listing in the SERA index, is a listing of a system that we have not or have been unable to get information on in the past 3 or more years. It remains in this listing until we get information, to either return it to the regular listing, or delete.)

An unknown, listed uncoordinated machine in New Albany has been identified. As to the terms of our CP&G we cannot coordinate on its present frequency because it does not meet the minimum distance required which in our view eliminates interference. We have heard that this machine is causing undue interference to a coordinated repeater on the same frequency in a neighboring state. We will make attempts to work with the owner.

* * * * *

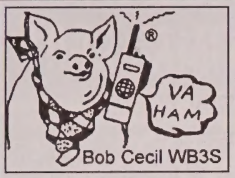
If there is anything we within SERA can do to assist you as a repeater owner, don't hesitate to ask. We are building, training, and working for a stronger service in our state. Your assistance and cooperation will work better for all of us. *For Joe, and all the MS SERA Guys - See you next quarter - Mark.*

Financial Report - by Johnny Wofford, WA4ETE

TREASURER - SOUTHEASTERN REPEATER ASSN., INC.

INCOME	Apr-Jun 98	Jul-Sept 98	Oct-Dec98	Jan-Mar 99	Total YTD
S-Adv	$ 3,150.65	$ 5,778.60	$ 6,625.50	$ 3,845.00	$ 15,554.75
S-ARRL Royalty	$ 2,092.00	$ -	$ -	$ -	$ 2,092.00
S-Assoc	$ 3,772.00	$ 3,991.00	$ 1,667.00	$ 2,336.00	$ 9,430.00
S-Full	$ 883.00	$ 340.00	$ 3,790.00	$ 453.00	$ 5,013.00
S-HOTP-Prepaid	$ 68.75	$ 137.50	$ 81.25	$ 12.50	$ 287.50
S-INT	$ 277.92	$ 142.91	$ 138.24	$ 189.59	$ 559.07
S-NC-Refund	$ -	$ -	$ -	$ -	$ -
S-Other	$ 60.00	$ -	$ 5.00	$ -	$ 65.00
S-Refund	$ 5.00	$ -	$ -	$ -	$ 5.00
S-RJsales	$ 70.00	$ 585.00	$ 660.00	$ 8.00	$ 1,315.00
S-Shirts	$ 140.00		$ -	$ -	$ 140.00
S-transfer	$ -		$ 6,246.20	$ -	$ 6,246.20
TOTAL INCOME	$ 10,519.32	$ 10,975.01	$ 19,213.19	$ 6,844.09	$ 40,707.52
EXPENSES					
S-Bank	$ 4.18	$ 12.50	$ -	$ 9.00	$ 16.68
S-HOTP	$ -	$ -	$ -	$ -	$ -
S-Internet	$ 19.95	$ -	$ 108.08	$ 59.85	$ 128.03
S-Jour-Postage	$ 66.15	$ 1,053.59	$ 1,820.20	$ 1,007.39	$ 2,939.94
S-Jour-Print	$ 7,978.80	$ 7,369.74	$ 6,679.62	$ 1,314.38	$ 22,028.16
S-Lodging	$ 1,937.21	$ -	$ -	$ 2,113.10	$ 1,937.21
S-Mail Serv.	$ 304.61	$ 309.58	$ 316.96	$ -	$ 931.15
S-Medicare	$ (2.84)	$ 3.24	$ (7.58)	$ 20.01	$ (7.16)
S-Office	$ 1,687.85	$ 379.47	$ 166.49	$ 7,283.18	$ 2,233.81
S-P.O. Box	$ -	$ -	$ 20.00		$ 20.00
S-Phone	$ 257.03	$ 284.06	$ 307.63	$ 294.79	$ 848.72
S-Postage	$ 102.15	$ 168.03	$ 93.56	$ 322.33	$ 363.74
S-Promotional	$ 1,805.00	$ -	$ -	$ 246.60	$ 1,805.00
S-Repair	$ -	$ 259.64	$ -	$ -	$ 259.64
S-Salary	$ 195.70	$ 188.68	$ 521.44	$ 440.33	$ 885.80
S-Shipping	$ 899.59	$ 234.95	$ 130.25	$ 87.04	$ 1,264.79
S-SSecurity	$ (12.14)	$ 13.81	$ (32.33)	$ 85.57	$ (30.86)
S-Tax	$ 422.40	$ (377.19)	$ 327.24	$ 483.47	$ 372.45
S-Travel	$ 34.90	$ -	$ 55.50	$ -	$ 90.40
TOTAL EXPENSES	$ 15,700.54	$ 9,880.08	$ 10,507.08	$ 13,767.04	$ 36,087.70
TOTAL INCOME - EXPENSES	$ 5,706.11	$ (5,181.22)	$ 1,094.93	$ 5,706.11	$ 4,619.82

ASSETS	Apr-Jun 98 Balance	Jul-Sept 98 Balance	Oct-Dec98 Balance	Jan-Mar 99 Balance	Average Balances
SERA Account	$ 4,303.73	$ 7,289.50	$ 4,104.24	$ 4,810.62	$ 5,077.02
SERA Transfer Account	$ 2,267.45	$ 2,128.15	$ 3,176.15	$ 5,060.00	$ 3,157.94
SERA's Savings Account	$ 21,856.81	$ 20,683.45	$ 20,961.37	$ 22,182.93	$ 21,421.14
TOTAL ASSETS	$ 28,427.99	$ 30,101.10	$ 28,241.76	$ 31,853.55	$ 29,656.10



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DJ-191TH 2-Meter HT, 5 Watts
DJ-G5T(H) 2/70 Dual-Band HT, 5-W
DR-140T 2-Meter Mobile, 50 Watts
DR-150T 2-Meter Mobile, 50 Watts
DR-605T 2/70 Dual-Band Mobile, 50 W
DR-610T 2/70 Deluxe D.B. Mob. 50 W
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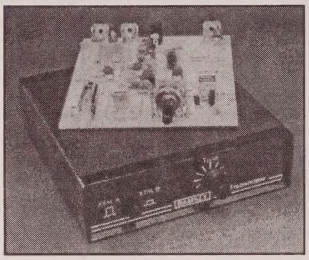
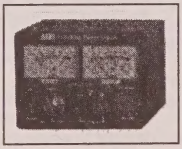


QRP Transmitters

Work the World on a Watt!!



MFJ-4225MV $149.95

COMET - Deluxe trunk mount "GR-5M" and "SB" style antenna. Stainless steel hardware, mounts with NO HOLES to drill. Easy to install and it looks great!

MONDAY - SATURDAY 9:00 A.M. TO 5:00 P.M. (Closed Sunday)

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Virginia

News from the East

MIKE BRIGHAM, W1CLS
mbrigham@home.com
558-J ELEANOR CT.
NEWPORT NEWS, VA 23602

Here we are just starting spring. Oh boy, that is the start of tornado season in the south. Time to check my SkyWarn gear. Hope this spring is kinda quiet, last few have been a mixed bag.

I haven't been getting much news this winter. It's been hard to get to my club meetings the last year. Working in Virginia Beach and living in Newport News is a real pain.

There is some ARES/RACES news though. I'm back as the EC for Poquoson again. District 7 is having a tabletop SET in April and another SET in the fall. Training is what itÆs all about. The state of

Virginia will have RACES ID's for ARES people who are active. The ID's, from the DMV, can be had by applying to the Emergency Coordinator for your area. (See separate story this issue)

Repeater news: The 443.100 in Chesapeake are off the air and off the SERA coordinated listing.

In Richmond the 224.50 WA4ONG has been taken off the coordinated list.

The SPARC 146.730, the PARC 145.230 and the 224.54 will all have PolyPhaser lightning protection on them soon. Maybe this year we don't have to sweat it when a storm comes through. Also note that the Chamberlain Hotel (146.730) has put PVC conduit through the roof so the coax isn't just strung through a window anymore. The Hotel is under new ownership and very amateur oriented from what I hear.

The Western Tidewater Radio Association in Isle of Wight has changed its web site to: WWW.qsi.net/wtra please visit them there.

Ok I waiting for all the news to flood in. Must have been a dull winter. In a good way the news has been slack lately. Once again I've been back to the hospital for another angioplasty. Once again another medical marvel. This makes eight angios now and another week stay in the hospital to decide to have it. But I'm out now for a while so send that news by snail mail or email.

Take care all and hope to see you down the log. *-Mike W1CLS*

Repeater Journal Hamfest Advertisers In This Issue

The following hamfests are utilizing the SERA Repeater Journal as their advertising vehicle to promote their show. Let them know you appreciate their support & wisdom.

CLUB/HAMFEST	SHOW DATE	AD LOCATION
Butner (NC)	Sep. 26	Pg.
Cary (NC)	Jul. 17	Pg. 51
Charlotte MARS (NC)	Mar. 11-12	Pg. 52
Cleveland (TN)	Jul. 17	Pg. 21
Durham (NC)	May 29	Pg. 44
Greensboro (NC)	Nov. 27	Pg. 10
Hickory (NC)	Oct. 23	Pg. 48
Huntington (WV)	Aug. 14	Pg. 46
Knoxville-RACK (TN)	Jun. 13	Pg. 50
Monroe (UCARS) (NC)	Sep. 12	Pg. 8
Roanoke (VA)	Aug. 21	Pg. 40
Salisbury (NC)	Jul. 3	Pg. 3
Shelby (NC)	Sep. 4-5	Pg. 55
Virginia Beach (VA)	Sep. 18,19	Pg. 13
WCARS (NC)	Jul. 31	Pg. 6
Winston-Salem (NC)	Jun. 12	Pg. 4-5

Attend and Support as many of your area shows that You Possibly Can. Tell them you saw their ads in the Journal! Over 85 Hamfest ads from the SouthEast were utilizing the Journal in 1998.

Technical Tip for Spring Let's Check the Mobile

-by Randy McKenzie, KB4YFV, RJ Technical Writer

Spring is here and so are the spring rains. Now is a good time to check your mobile! Winter driving is always fun with the chemicals applied by our highway department folks.

Take off your antenna coil, check for white residue. A small shot of contact cleaner and a few swipes with a soft toothbrush will ensure good contact as well as stopping corrosion from the chemicals.

Before you put the coil back on, check the mount, make sure it is tight. Check the coax cables, look for nicks, scrapes or pinched places. Small nicks and scrapes can be covered with good electrical tape. This prevents water from soaking into the braid.

Check the connectors. If you use a magnetic antenna, clean the bottom, this prevents scratching the paint. Reassemble everything and check the SWR. I prefer a MFJ Analyzer. It displays not only the SWR but also the bandwidth.

Make sure the rig is mounted securely. I've almost crashed more than once trying to catch a rig falling to the floor!

Now check the power cables for the rig. Check the battery connections. All connections should be snug tight.

A small shot of WD40 or a few drops of motor oil on the battery terminals will help prevent corrosion. Now is also a good time to check the fuseholder. Contact cleaner will work great if you find corrosion. Check the wire, again looking for nicks, scrapes or pinched places. Check carefully where the wire passes thru the firewall. Check the routing of the wires under the dash where they should be secured away from pedals, moving parts, and from big feet.

A soft rag with Windex or Simple Green will make your rig look like new. Don't forget a little cleaning on the mic. Check the power output on the rig. Check all power levels. If available, check the deviation as well. A few simple checks now could save your mobile rig later . . . Contact cleaner is cheap compared to a PA module!

Any technical ideas - send them to us. See our address above.-*Randy KB4YFV*

Price, W4RA Chosen as New IARU President

ARRL Bulletin 18 - From ARRL Headquarters

Wardlaw, VK3ADW New VP

The International Amateur Radio Union will get a new president and vice president May 9. In voting completed March 12, IARU member - societies overwhelmingly ratified the election of Larry E. Price, W4RA, as president, and David A. Wardlaw, VK3ADW, as vice president. It's the first top leadership change at the IARU in more than a decade.

A former ARRL president, Price succeeds Richard L. Baldwin, W1RU, who has served as IARU President since 1982. Wardlaw succeeds Michael J. Owen, VK3KI, who has served as vice president from 1989.

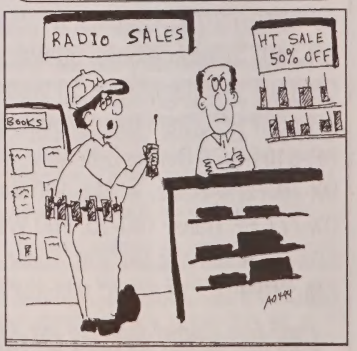
Price and Wardlaw will serve five-year terms. Price's replacement as IARU secretary will be announced sometime before May 9.

First licensed in 1951, Price has held elected offices in the American Radio Relay League continuously over the past 27 years. He served as ARRL president from 1984 until 1992. He was IARU vice president in 1983-84 and has been IARU secretary since 1989. He's attended 13 IARU regional conferences and has served as an IARU delegate at every ITU World Radiocommunication and Telecommunication Development Conference since 1992 as well as at numerous other ITU meetings.

Wardlaw joined the Wireless Institute of Australia in 1947 and was first licensed in 1948. He has served in numerous WIA posts, including two stints as president.

Wardlaw has twice served as IARU Region 3 Director, 1988-1994 and 1997-present, and has attended six meetings of the IARU Administrative Council as well as regional conferences. Since 1978, he's also attended numerous ITU meetings and conferences as a member of the Australian delegation or as an appointed ITU expert.

JOURNAL FUNNY STUFF BY AD4QQ



"Do you have one that's just a little thinner?"

The SERA Repeater Journal Southeastern
1999 HAMFEST/CONVENTION SCHEDULE

Please Note: Hamfest dates marked with an asterisk (*) are NOT confirmed and are based on information on record from the previous year's date. We offer NO guarantee of accuracy of the date or show status. Hamfest sponsors are urged to get their correct show dates to the *Repeater Journal* Editor as soon as possible. We acknowledge and appreciate assistance in confirming dates from SERA and ARRL Directors; the ARRL, Commercial Dealers, and the response of many agressively promotional minded clubs and individuals sponsoring hamfests and computerfests.

Deadline for listing changes for August issue is July 1.

MAY, 1999

1. . . Big Sandy ARC 2nd Annual Hamfest, LOUISA, KY
1. . . . . Nashville ARC Hamfest, NASHVILLE, TN
1. . . . . Bankhead ARC Hamfest, MOULTON, AL
1 . . . . . 3rd Salkehatchie Tailgate Party, WINSOR, SC
1 . . . A.Arundel/Kent Is.Hamfest, GRAYSONVILLE, MD
1-2 (new dte)AL ARRL Sec.Hamfest, BIRMINGHAM, AL
2 . . . Great Hagerstown Hamfest, HAGERSTOWN, MD
2. . . . . Jax Cty ARC Hamfest, RIPLEY, WV
8. . Pennyrile Tailgate at Park, DAWSON SPRINGS, KY
8 . . . Upstate SC Hf (formerly Grnvl), ANDERSON, SC
14-16 . . . . . Hamvention, Hara Arena, DAYTON, OH
15 . . . Clksvl. Am.Xmit.Soc Hamfest, CLARKSVILLE, TN
15 . . . . . EC Antique RC Meet, GREENVILLE, NC
15 . . . . . Hamfest, STATESBORO, GA
29 . . . . . Dur-HamFest at S. Sq. Mall, DURHAM, NC

JUNE, 1999

5 . . . . . Franklin ARRA Picnic/Tailgate, FRANKLIN, VA
5-6. . . . . GA St. ARRL/HF & Comp.Fair ATLANTA, GA
5-6 . . . SERA Summer Bd Meet, PIGEON FORGE, TN.
6 . . . . . Ole Va Hams, Hamfest at FG, MANASSAS, VA
6 . . . . . Hamfest, PRINCETON, IL
11-12 (Fri.eve-Sat) . . . . HF/Computer Fair, ALBANY, GA
12 . . . Hamfest at Dixie Frgrnds, WINSTON-SALEM, NC
13. . . . PARA HF at Exec. Inn Conv. Cen, PADUCAH, KY
13 . . . . State ARRL Conv.HF/Elec. Mkt, KNOXVILLE, TN
13 . . . . . N. Ky ARC Hamfest, INDEPENDENCE, KY
19 . . . . . Milford ARC Hamfest, CINCINATTI, OH
19. . . . HF/Com Fair at Brushfork Arm., BLUEFIELD, WV
20. . . . . Lake Cty ARC Hamfest, CROWN POINT, IN
20. . . . . Monroe Cty RC Assn., Hamfest, MONROE, MI
20. . . . . Cuyahoga ARS Hamfest, MACEDONIA, OH
26(new dte) . UCARS HF at Nat'l Grd. Ar., MONROE, NC
26-27 . . . . . ARRL FIELD DAY

JULY, 1999

3 . . . . . Firecracker HF at Civic Cen, SALISBURY, NC
3. . . . Monroe Cty ARC Hamfest, TOMPKINSVILLE, KY
10 . . . ARRL Cen.Div.Conv/Hamfest, INDIANAPOLIS, IN
10 (New dte) . . . Lanierland ARC HF, GAINESVILLE, GA
10 (New dte). . Midwest Div.Con, HF, KANSAS CITY, MO
17 . . . . . Hamfest at Bradley HS, CLEVELAND, TN
17. . . . . Midsummer Swapfest, CARY, NC
18. . . . . VanWert ARC Hamfest, VAN WERT, OH
23-24 (fri nite-sat) . . . . . Hamfest, MILTON, FL
24. . . . . OH-KY-IN ARS Hamfest, CINCINNATI, OH
25 . . . . BRATS HF and Computer Fest, TIMONIUM, MD
31. . WCARS HF, Haywood Cty. FG, WAYNESVILLE, NC
31 . . KY Colonels ARC Hamfest, BOWLING GREEN, KY

AUGUST, 1999

1. . . . . 49th Annual Winchester HF, BERRYVILLE, VA
1 . . . . . Portage Cty ARC Hamfest, RANDOLPH, OH
1. . . Steuben Cty Land of Lakes Hamfest, ANGOLA, IN
7 (cancelled 1999) . W4CQ Hamfest, CHARLOTTE, NC
7. . . . . Hamfest, SPRINGFIELD, MO
7. . . . Voice of Aladdin ARC Hamfest, COLUMBUS, OH
8 (New dte) . . . . . TSRAC HF, WHEELING, WV
14. . . . . TARA HF & comp. Show, HUNTINGTON, WV
15 (New dte). . . . HF at Nat'l Grd. Arm, LEXINGTON, KY
21. . . . . HF at Wm. Byrd H.S. VINTON, ROANOKE, VA
21-22 . . . . . HF at Braun Civic Cen, HUNTSVILLE, AL
22* . . . . . Tippecanoe ARA Hamfest, LAFAYETTE, IN
28. . . . . WV State Conv/HF, (Jksons Mill) WESTON, WV
29 . . Sht. Mt. RC, Hamfest, CEDARS OF LEBANON, TN

SEPTEMBER, 1999

4* . . . . . S.KY DX Assn. Hamfest, CAVE CITY, KY
4*. . . . St. Clair ARES/RACES Hamfest, PELL CITY, AL
4-5 . . . . . Hamfest at Cleveland Cty FG, SHELBY, NC
11* . . . . . Hamfest, GREENVILLE, MS
11. . . . . Owen Cty ARA Hamfest, SPENCER, IN
11-12 . . . ARRL St./HF at Bullit Cty FG, LOUISVILLE, KY
11-12 . . . . . Hamfest at Auditorium, MELBOURNE, FL
12. . . . . Findlay ARC Hamfest, FINDLAY, OH
12 . . . . . Butler Cty ARA Hamfest, BUTLER, PA
18. . . . . Hamfest, LITTLE ROCK, AR
18 . . . . . Hamfest, DALLAS, GA
18-19 . . VA State ARRL Conv/HF, VIRGINIA BEACH, VA
19 . . . . . Greater Cinci ARA Hamfest, CINCINNATI, OH
25. . . . . Mobile ARC Hamfest, MOBILE, AL
25* (Cancelled for 1999) . . . Hamfest , ANDERSON, SC
26. . . FARS Hamfest (former Gaithersburg), BOWIE, MD
26. . . . . Hamfest Assn. of Clev. HF, CLEVELAND, OH
26. . . . . Hamfest at Nat'l Grd. Armry, BUTNER, NC

OCTOBER, 1999

1- 2* (fri.eve-sat) . . . . . Hamfest, BILOXI, MS
2 . . . . . Hamfest/Computer Fair, ROCK HILL, SC
3* . . . . Hoosier Hills HC Hamfest, LAWRENCE CTY, IN
9 (Cancelled for '99). . . . . Hamfest, BLAIRSVILLE, GA
9 . . . ARC of Augusta, HF/Comp Show, AUGUSTA, GA
9-10 . . . . . Memfest '99 Hamfest, MEMPHIS, TN
10 . . . . . Hamfest, MAYSVILLE, NC
10* . . . . . Hamfest, WAYCROSS, GA
15-16. . . . . Hamfest at Bradford Cty. FG, STARK, FL
16* . . . Tri-Cities Hamfest at Appalachian FG, GRAY, TN
16-17* . . . . Hamfest at Fairgrnds., W. PALM BEACH, FL
23 . . . . HF at C.Jordan in E.Ridge, CHATTANOOGA, TN
23. . . . . Comp/HF, at Catawba Val CC, HICKORY, NC
23* . . . . . SW LA ARC Hamfest, LAKE CHARLES, LA
23 . . . . Sumter ARC Hamfest/Comp. Fair, SUMTER, SC
24 . . . . . Boone/Clinton Cty. Hamfest, LEBANON, IN
24 . . . . . Mason-Dixon Hamfest, WESTMINSTER, MD
29-30. . . . . Hamfest, JACKSONVILLE, FL
31. . . . . Marion ARC Hamfest, MARION, OH

NOVEMBER, 1999

6 . . . . . Beachfest '99, MYRTLE BEACH, SC
6 . . . . . Lake ARA Hamfest, SORRENTO, FL
6-7* . . . . . HR/Comp. Expo '99, LAWRENCEVILLE, GA
7 . . . . . Swapfest at Hazard H.S., HAZARD, KY
7. . . . . Massillon ARC Hamfest, MASSILLON, OH
13. . . . . AL St. ARRL/Hamfest, MONTGOMERY, AL
13*. . . . . Hamfest, TITUSVILLE, FL
13*. . . . . Twin City Hams Hamfest, WEST MONROE, LA
13-14. . . . IN State ARRL Conv/Hamfest, FT. WAYNE, IN
19-20* (fri.eve-sat) . . . . Hamfest, OCEAN SPRINGS, MS
20* . . . . . Grant ARC Hamfest, GEORGETOWN, OH
20-21 . . . FL.Ste ARRL Conv. Sun Coast HF, TAMPA, FL
21. . . . . JARSFEST at American Legion, BENSON, NC
27 (new dte) 19th HF & Com. Show, GREENSBORO, NC

DECEMBER, 1999

4* . . . . . Hamfest at Agri. Center, OKEECHOBEE, FL
4* . . . . . Hamfest at Civic Center, EASTVIEW, TN
4* . . . . . Hamfest at Booster Stadium, OCALA, FL
4* . . . . . Claxton ARES Hamfest, CLAXTON, GA
4*. . . . . Wiregrass ARC Hamfest, DOTHAN, AL
11 . . . . . Union Cty ARC Hamfest, at Armory UNION, SC
11*. . . . . Hamfest at Spts. Hall of Fame, LAKE CITY, FL

Need Your Hamfest Listed?
Need Confirmed date Listed?
Contact the Repeater Journal Editor!
Deadline for August issue is July 1

2000 CONFIRMED DATES

Jan. 9 . . . . . Hamfest, SOUTH BEND, IN
Jan. 15-16. . . . . Hamfest, SARASOTA, FL
Feb. 27 . . . . . Hamfest, ZEPHYRHILLS, FL
Mar. 4-5. . . . . Hamfest, NEW PORT RICHEY, FL
Mar. 11-12 . . . . . Hamfest, CHARLOTTE, NC
Mar. 18 . . . . . Martin Cty. ARA Hamfest, STUART, FL
Mar. 25-26 . . . . MD St. ARRL Conv. HF, TIMONIUM, MD
Apr. 21-22 . . . . . Little Rock Hamfest, LITTLE ROCK, AR
May 19-21. ARRL Nat'l Conv. Hamvention, DAYTON, OH
June 4 . . . . . Ole VA Hams Hamfest, MANASSAS, VA
June 24-25. . . . . ARRL FIELD DAY
Aug. 6 . . . 50th Annual Winchester HF, BERRYVILLE, VA
Aug. 19-20. . . . . Hamfest, HUNTSVILLE, AL
Dec. 2 . . . . . 20th Annual Hamfest, GREENSBORO, NC

2001 CONFIRMED DATES

June 3 . . . . . Ole Va. Hams Hamfest, MANASSAS, VA
May 18-20. . . . . Dayton Hamvention, DAYTON, OH
Aug. 5. . . 51st Annual Winchester HF, BERRYVILLE, VA
Aug. 18-19. . . . . Hamfest, HUNTSVILLE, AL

2002 CONFIRMED DATES

May 17-19 . . . . 50th Anniv Dayton Hamv., DAYTON, OH
Aug. 4 . . 52nd Annual Winchester HF, BERRYVILLE, VA
Aug. 16-17. . . . . Hamfest, HUNTSVILLE, AL

2003 CONFIRMED DATES

May 16-18. . . . . Dayton Hamvention, DAYTON, OH
Aug. 6. . . 52rd Annual Winchester HF, BERRYVILLE, VA

REPEATER JOURNAL
NEWS-STAND DEALERS

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SERA Board Member News

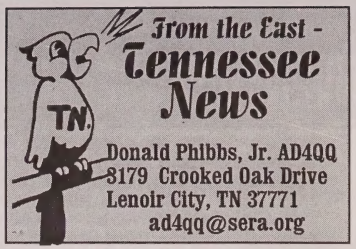
(Continues)

sure, I must resign as Vice Director for S.C. I thought about it long and hard but decided that I wasn't being fair with myself or SERA.

I remember when Bill Jones asked me to assist him in coordinating repeaters in S.C. via SERA, I was somewhat overwhelmed both in the fact he asked me as well as being a part of SERA. I went to the SERA meeting in Pigeon Forge and was again overwhelmed how serious this organization was in it's mission of coordination and accuracy. I remember there was a representative from the ARRL there as well and I thought to myself "hey, these folks are serious!!!!".

Once I got home and digested it all, I was ready to do my thing I thought. Well, suffice it to say I was introduced to just how hard the SERA organization has to work to do what they do.

However, I realize I am running out time and that SERA needed more time than I could offer. Given my activity with Rotary, my church, business and family, I was forced to resign. I really learned a lot and hope my successor will give SERA the dedication and time it deserves. I am privileged to have been associated with this honorable group and can more easily understand the work it takes and SERA IS HERE TO HELP!!! *73, Vince Ott WD4NU*



For most of us, spring time is a very busy and active time. As the warmer weather moves into our area most of us tend to want to get out more. We tend to do more antenna work, attend more hamfests, and associate with our fellow amateurs. Of course, many events and activities are scheduled during the warmer months. A ham that complains of being bored or of not having enough to do might not be looking closely enough.

* * * * *

Many radio clubs are increasingly busy at this time. Amateurs should check with their club's newsletter and packet BBS for information on upcoming events. Many of the clubs in this area have very nice web sites to check into.

* * * * *

The Radio Amateur Club of Knoxville (RACK) has an informative site. It can be found at http://www.korrnet.org/rack. This site is a wealth of information for East Tennessee amateurs. All the upcoming RACK events are well reported. Club information and upcoming meeting information is also available.

* * * * *

The Bristol Amateur Radio Club (BARC) also has a web site. The address is http://www.qsl.net/barc. Again, this is another site with lots of useful information for East Tennessee Hams.

* * * * *

Even though our thoughts and plans are directed towards outside activities we should not forget our nets and the volunteers that call them. I can't begin to mention all the net activity in our area, but will I will try to mention a few each issue. Any readers that would like me to mention their favorite nets please send me some e-mail about the net and I will do my best to get it mentioned in this space. My e-mail address is AD4QQ@aol.com.

This also applies to packet sites, BBS's, chat rooms, web sites, listservs, and newsgroups. The following are just a few of the many nets available to us in our area:

Rack Club Technical Net	Mon	9:00 pm	147.300
Johnson City 6-meter net	Wed	8:00 pm	50.175
Bristol Ham Radio Club	Tues	9:00 pm	147.670

If you have found a net that you would to share with others readers be sure to let me know.

* * * * *

Remember to plan to attend this years Knoxville Hamfest and Electronic Flea Market. It is scheduled for June 13 from 9:00 am to 4:00 pm. For more information e-mail Rack at rack@korrnet.org .

* * * * *

I hope everyone has a wonderful spring and are able to participate in the many ham activities. *-til next time Don, AA4QQ*

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Repeater Journal Advertisers Index

ADI-Premier (CA) 18
Alinco Electronics (CA) 38
ARRL Membership 11
Butner Hamfest (NC) 53
Cap 'N' Badge Man (SC) 17
Cary Hamfest (NC) 51
Charlotte MARS Hamfest (NC) 52
Cleveland Hamfest (TN) 21
Communications Headquarters (NC) COV. III
Comp. Automa. Technologies (FL) .16, 49
DurhamFest (NC) 44
Den-Tronics (MI) 20
Greensboro Hamfest (NC) 10
Hickory Hamfest (NC) 48
Huntington Hamfest (WV) 46
IRI Electronics (NC) 39
Journal Hamfest Sponsor Listings 58
Kenwood Communications (CA) 22
Knoxville-RACK Hamfest (TN) 50
LDG Electronics (MD) 14
Monroe (UCARS) Hamfest (NC) 8
NCG Companies (Comet) (CA) . .Cov. IV
NHRC Repeater Controllers (NH) 7
Ray's Amateur Electronics (NC) 15
RF Connection (MD) 17
Roanoke (Vinton) Hamfest (VA) 40
Rosewood Co. Books (SC) 60
Royal Printing Co. (TN) . . . . . .COV. II
Salisbury Hamfest (NC) 3
Shelby Hamfest (NC) 55
"Spotlight Page" - Reptrs, Clubs, etc. . .54
Virginia Beach Hamfest (VA) 13
Virginia Ham Radio Supply (VA) 57
WCARS Hamfest (Waynesville, NC) 6
WCARS VEC (TN) 41
We Ink (Inking Cartridges) (VA) 47
Winston-Salem Hamfest (NC) 4-5
Z-D Engineering (OH) 45

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FT-2500M 2meter

IC-207H 2m/440mhz

TM-G707A 2m/440mhz

NEW

VX-5R 2m/440/6m

FT-8100R 2m/440mhz

NEW

IC-2800H 2m/440mhz

IC-W32A 2m/440mhz

NEW

FT-100 HF 6+2+440mhz

C-706MKII G HF 6+2+440mhz

TH-G71A 2m/440mhz

TM-V7A 2m/440mhz

FT-847 HF+6m+2m+440mhz

IC-Q7A 2m/440mhz

IC-707 HF basic

TH-D7A 2m/440 TNC/APRS

TS-570DG-HF / SG-HF+6

VXR-5000 VHF/UHF Repeater

NEW

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TS-870S HF Deluxe

PCR-100 Computer controlled Receiver

IC-746 HF+6+2 meters

IC-756 HF+6 meters

IC-775DSP HF deluxe

IC-R10 Receiver

NEW

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Gain & Wave: 146MHz 4.5dBi 6/8 wave • 446MHz 7.2dBi 5/8 wave x 3 •
Max Pwr: 200W • Length: 5'11" • Weight: 2lbs. 9ozs. •
Conn: Gold-plated SO-239 • Construction: Single-piece fiberglass

GP-6 • Dual-band 146/446MHz Base Repeater Antenna
Gain & Wave: 146MHz 6.5dBi 5/8 wave x 2 • 446MHz 9.0dBi 5/8 wave x 5 •
Max Pwr: 200W • Length: 10'2" • Weight: 3lbs. 8ozs. • Conn: Gold-plated SO-239 •
Construction: Fiberglass, 2 Sections

GP-9/GP-9N • Dual-band 146/446MHz Base Repeater Antenna • BEST SELLER!
Gain & Wave: 146MHz 8.5dBi 5/8 wave x 3 • 446MHz 11.9dBi 5/8 wave x 8 •
Max Pwr: 200W • Length: 17'8" • Weight: 5lbs. 11ozs. • Conn: GP-9 Gold-plated
SO-239 • GP-9N Gold-plated N-type female • Construction: Fiberglass, 3 Sections

CA-62DB • Mono-band 6 Meter Vertical
Gain & Wave: 52MHz 6.5dBi 5/8 wave x 2 • Max Pwr: 500W • Length: 21'8" •
Weight: 5lbs. 11 ozs. • Conn: SO-239 • 2MHz band-width after tuning (6M) •
Construction: Thick-wall aluminum, 5 sections

CX-333 • Tri-band 146/220/446MHz Base Repeater Antenna
Gain & Wave: 146MHz 6.5dBi 5/8 wave x 2 • 220MHz 7.8dBi 5/8 wave x 3 •
446MHz 9.0dBi 5/8 wave x 5 • Max Pwr: 120W • Length: 10'2" • Weight: 3lbs. 1oz. •
Conn: Gold-plated SO-239 • Construction: Fiberglass, 2 Sections

GP-15 • Tri-band 52/146/446MHz Base Repeater Antenna
Gain & Wave: 52MHz 3.0dBi 5/8 wave • 146MHz 6.2dBi 5/8 wave x 2 • 446MHz 8.6dBi
5/8 wave x 4 • Max Pwr: 300W • Length: 7'11" • Weight: 3lbs. 1oz. • Conn: Gold-plated
SO-239 • 2MHz band-width after tuning (6M) • Construction: Single-piece fiberglass

COMET has an extensive line of Mono-Band/Dual-Band/Tri-Band Antennas for Base Station and Repeater use.

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